

CAMPUS PARK PROJECT

APPENDIX M

HAZARDS

SPA 03-008, GPA 03-004, R03-014, VTM 5338 RPL7,
S 07-030, S 07-031, LOG No. 03-02-059
State Clearinghouse No. 2005011092

for the

DRAFT FINAL SUBSEQUENT
ENVIRONMENTAL IMPACT REPORT

DECEMBER 3, 2010

FINAL ENVIRONMENTAL IMPACT REPORT PHASE I ENVIRONMENTAL SITE ASSESSMENT AND LIMITED CHEMICAL RESIDUE SURVEY INFORMATION FOR THE READER

This document consists of the Phase I Environmental Site Assessment and Limited Chemical Residue Survey (ESA/Survey) for the Campus Park Project (Proposed Project or Project) and analyzes hazard and hazardous material elements associated with construction and operation of the Project. Since circulation of the Project Draft Environmental Impact Report (EIR) and associated technical reports, refinements in Project description have been implemented in response to comments received.

The majority of Project refinements occur west of future Horse Ranch Creek Road and all of them would be south of proposed Harvest Glen Lane. The majority of the developed uses and their construction footprints (residential, office professional, recreational and commercial) remain the same as previously analyzed.

South of future Harvest Glen Lane and west of future Horse Ranch Creek Road, the Proposed Project has been refined to: (1) eliminate some development areas, (2) modify specifics of development detail in some areas, and (3) eliminate the potential for connection to an off-site future wastewater treatment plant (WTP) to be constructed by others. Specifics of road design improvements also vary.

Overall, primary design changes result in 325 fewer multi-family homes (a reduction of 41 percent), and an increase in the biological open space preserve of 20.7 acres (or 11 percent). See Figure A for a comparison of the Project evaluated in the Draft EIR with the current plan.

Project refinements relevant to this technical report are addressed below.

Relevant Refinements to Project Description

The analyzed Project footprint included development west of future Horse Ranch Creek Road and north of SR 76 that has now been eliminated or slightly relocated. In addition, the off-site portion of Pankey Road/Pala Mesa Drive has been shifted in response to a request from the property owner, Campus Park West.

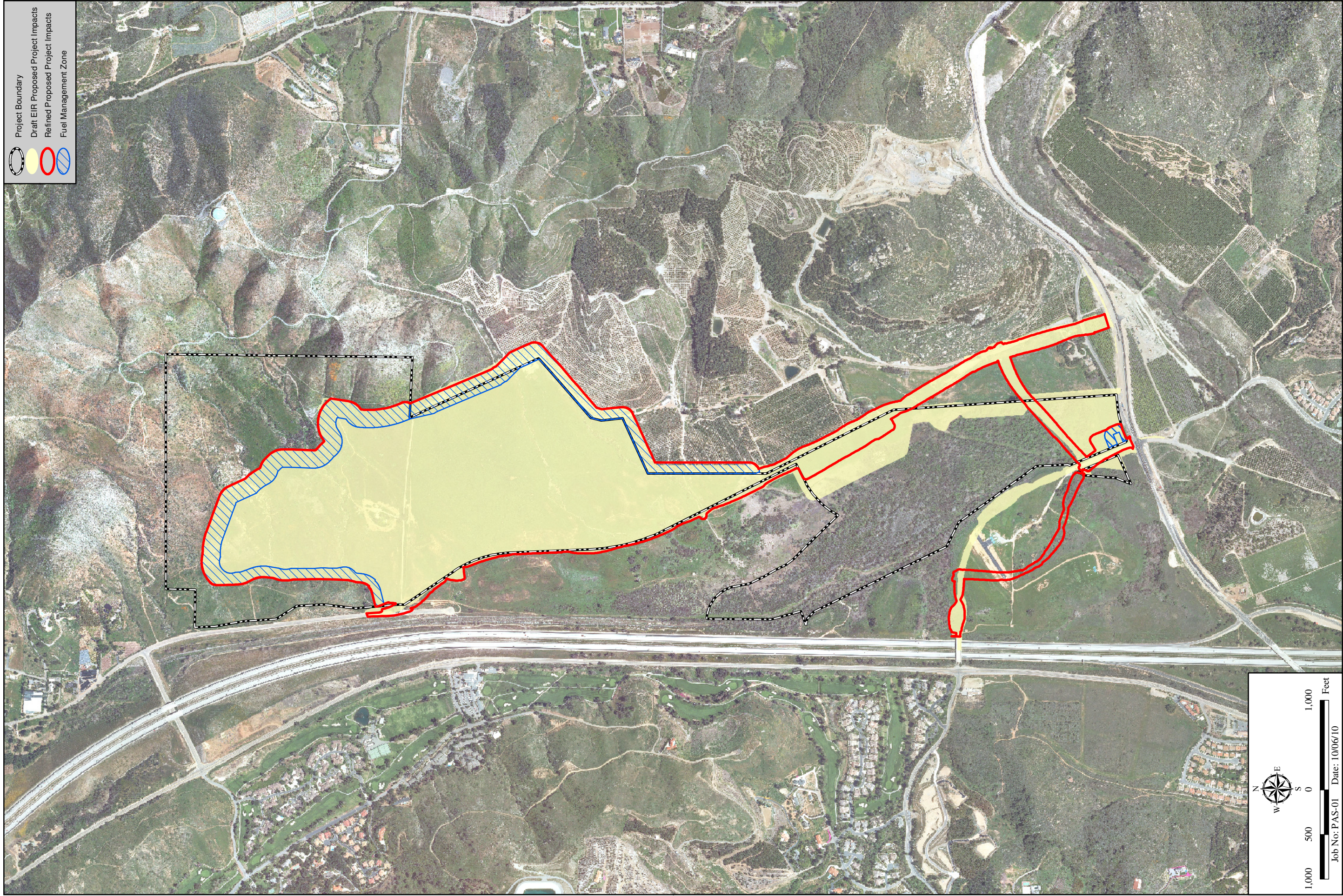
Technical Analysis Modifications Based on Project Description Refinements

The described changes to the Project would result in a minor overall reduction in the potential to encounter non-hazardous material sites during Project construction and operation. Specifically, one or more general locations encompassing non-hazardous trash/debris (an old water main junction and a surface casing area) that were within proposed development areas are now located within designated open space under the refined Project design. The noted sites do not represent substantial hazards, however, and no associated significant impacts are identified in the attached ESA/Survey. No known hazards or hazardous material sites are located within the modified Pala

Mesa Drive/Pankey Road alignment, and all other hazard and hazardous material conditions associated with the refined Project design are similar to those identified for the circulated design.

No change to the environmental design considerations or significance conclusions regarding potential impacts related to on- and off-site hazards and hazardous materials and reached in conformance with the California Environmental Quality Act would occur and no change is required to the attached technical analysis.

Each of the above-cited and additional specific revisions are now included as part of the public record and will be before the Board of Supervisors during their consideration of the Project.



Impact Comparison

CAMPUS PARK

Figure A

HELIX

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND
LIMITED CHEMICAL RESIDUE SURVEY

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
AND LIMITED CHEMICAL RESIDUE SURVEY, HEWLETT PACKARD PROPERTY
500-ACRE PROPERTY NORTHEAST OF HIGHWAY 76 AND INTERSTATE 15
PALA MESA AREA OF SAN DIEGO COUNTY, CALIFORNIA 92028**

INTRODUCTION

Purpose and Scope

In accordance with our proposal and Client's authorization, GeoSoils, Inc. (GSI) has completed this Phase I Environmental Site Assessment (ESA) report covering the subject property in Northern San Diego County, the location of which is illustrated in Figure 1. The subject property is described as:

**Township 9 South, Range 3 West, Portions of Sections 25 and 36 and
Township 10 South, Range 3 West, Portion of Section 1
San Diego County, California**

This ESA was prepared for the purpose of assessing, to the extent practical, the potential for *recognized environmental conditions* from past or present uses at the subject property. A *recognized environmental condition* is defined by ASTM Standard E 1527-00 as:

The presence or likely presence, of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include "de minimis" conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The scope of work included:

1. A review of the subject properties' geologic and hydrogeologic setting (Appendix A);
2. A reconnaissance of the subject site and surrounding areas to visually assess current utilization and for indications of potential surface contamination (Appendix B);
3. A review of historical aerial photographs to assess the subject properties' historical land utilization and for indications of potential contamination or sources of contamination;



Geotechnical • Geologic • Environmental

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January 7, 2002

W.O. E3176-SC

Environmental Development, Ltd.
402 West Broadway, Suite 2175
San Diego, California 92101-3542

Attention: Mr. Bruce Tabb

Subject: Phase I Environmental Site Assessment and Limited Chemical Residue Survey, Hewlett Packard Property, 500-Acre Property Northeast of Highway 76 and Interstate 15, Pala Mesa Area of San Diego County, California 92028

INTRODUCTION

GeoSoils, Inc. (GSI) is pleased to present the results of our Phase I Environmental Site Assessment of the subject property in northern San Diego County. For discussion purposes, the property will be divided into Parcel A (the proposed residential development) and Parcel B (the proposed commercial development). The Phase I study was conducted for the purpose of assessing the potential for the presence, to the extent practical, of hazardous materials/waste and/or petroleum contamination (i.e., recognized environmental conditions) at the subject site. The purpose of the limited residue survey was to preliminarily evaluate the potential presence of restricted agricultural residues to be detected on the subject site.

Please note, we have performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527. This practice is intended, by the ASTM Committee E-50, to be a general guideline standard and used on a voluntary basis. Any major exceptions to, or deletions from, this practice are described in the relevant sections of this report.

SUMMARY

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon review of historical maps and photographs from 1928/1929 to 1994 (discontinuous coverage), owner interviews, and our recent site reconnaissance, the subject property appeared to have been developed for agricultural purposes

from at least 1928 to approximately 1978. Photographs from 1928/1929 indicated no obvious signs of orchards within the subject property and/or vicinity. Various plots of cultivated fields were typically visible onsite, including the northern portion of Parcel B, with only a small plot of cultivated trees noted in the southeastern section of Parcel A, which appeared to be predominantly native. What appeared to be an unimproved, tree-lined road (Pala Mesa Heights Road?) was visible along the boundary between the two parcels. Buildings and/or small building clusters were observed within the northern and west central portions of the site. A relatively large earthen reservoir was visible near a small square-shaped structure (pump-house?) in the northeasterly portion of Parcel B. Except for dirt farm roads, there were no other readily visible improvements onsite during this period.

The current alignment of Old Highway 395 was constructed sometime between 1947 and 1953. Photographs from 1953 show orchards developed in the eastern portion of Parcel A and the northeastern portion of Parcel B, along with a second larger earthen reservoir noted in the northwestern area of Parcel B. A small structure was visible directly west of the second reservoir. A dirt road was noted along the western edge of this small structure, providing a northwest-southeast access through the subject property, intersecting two or three small clusters of farm support structures located further south. During this period, the road between the two parcels (currently Pala Mesa Heights Road) intersected Old Highway 395, providing access to at least two residences noted within the southern portion of Parcel A. The extent of cultivated land associated with the subject property extended west to Old Highway 395. By 1960, the majority of orchards had been removed from Parcel B. A small above ground tank (water?) was noted near the pump-house in the northeastern portion of Parcel B, with a second tank (water?) and water well observed near the northwest corner of Parcel B. In addition, wind machines were readily visible within the northern area of Parcel B, extending east into the orchards that remained in the west-facing slopes. Except for minor variations in the vegetation patterns, the subject property remained unchanged until the late 1970's, when the property appeared basically undeveloped, and when earthwork associated with the I-15 Freeway was observed along the western edge of the site. By the late 1980's, conditions within the subject property were similar to today. Photographs from 1989 noted what appeared to be non-cultivated trees established in the southern portion of Parcel B, including what appeared to be an improved drainage swale along the western edge of the site. At this time, the northern section of Parcel B appeared to be grasslands and the southern area appeared to be locally dense woodlands. Except for a small residence near the southern boundary, Parcel A appeared predominantly undeveloped. Pankey Road was improved south of Stewart Canyon Road to just south of Pala Mesa Heights Drive. A short section of Pankey Road was also observed north of Pala Road. Overall, there were no signs of unusual activities observed within the subject property.

- Based upon our recent site visits on December 10 and 11, 2001, access to the subject property is via a locked gate at the intersection of Pankey Road and

Pala Mesa Heights Road. A parked travel bus and associated engine parts were noted behind the gate. Minor trash and debris, including dumped concrete wastes were observed on the north side of Pala Mesa Heights Road, near the bus. Except for an occupied residential trailer, parked vehicles, scattered debris, and a recently constructed water well near the boundary between the two parcels, relatively dense, uniform vegetation was found to cover the majority of Parcel A. One travelable dirt road was encountered in the southeastern area of Parcel A. There were remnants of structures in at least two areas along this dirt road. A small pile of waste lumber was encountered along the lower edge of the southwesterly sloping canyon. A concrete foundation, abandoned appliances, and utility lines were encountered further up-gradient along the southern edge of the canyon.

Parcel B is currently utilized for livestock grazing. Dirt cattle trails were visible throughout the site, as well as a few dirt roads. Above ground wooden power poles dissected the property, including lines near an abandoned metal pump-house in the northeastern portion of the site. Rainbow Municipal Water District sewer manholes and easement road were observed along the northwestern edge of the site. Waste lumber and trash, remnants of a small structure, was observed in the northwestern corner of the site, directly southeast the cul-de-sac end of Pankey Road. There were no obvious signs of a water well previously reported in this area. A livestock pen and loading area was observed in the northeastern portion of the parcel. Storm drain pipes were found underlying dirt roads crossing canyons along the eastern boundary of the site. In one instance, there was water discharging from a small-diameter metal pipe into a flowing creek along the eastern edge of the site. In addition, there were old concrete foundations, piping remnants of a water well, and what appeared to be a level-graded building pad observed on a small knoll in the central portion of the site. What appeared to be a second level-graded building pad was observed near the east-central site boundary with the citrus orchards.

- Generally, there were no unusual conditions encountered within the subject property during our recent site visits. Of note, however, were goat skeletons scattered locally within the northeastern portion of Parcel B, including decomposed goats found within the abandoned pump-house. Two cattle carcasses were observed near the southeastern portion of the site. Discussions with the current property owner (Mr. Steve Rottman) indicated that the goats were killed by coyotes, and he was unaware of the recently deceased cattle.
- Debris was observed within the canyon situated north of the existing residence in Parcel A. Localized areas of trash and debris, including remnants of the previous structures within Parcel A, appeared to be dumped into this canyon. Steep natural slopes and dense vegetation hindered direct access and visual observation of the dumped materials, which consisted of (but were not limited to) waste lumber, household trash, metal/plastic debris and abandoned appliances, dumped furniture, and a plastic 55-gallon drum.

Overall, minor amounts of non-hazardous trash and debris were observed locally within Parcel B, especially along perimeter dirt roads and adjacent to paved access roads. Rubber tires found locally within grazing areas appeared to be utilized as "salt-lick" containers. Generally, trash and debris consisted predominantly of waste concrete fragments, household trash (i.e., glass, plastic, paper), waste lumber, landscape wastes, waste oil filters, rubber tires, metal fragments, and abandoned appliances. Except for small areas (i.e., less than ± 10 square feet combined) of minor surficial staining near engine parts associated with the parked travel bus, there did not appear to be obvious surficial evidence of significant hazardous materials/waste and/or petroleum contamination on the subject site.

- As a part of the assessment, GSI interviewed (by phone) the current property owner (Mr. Steve Rottman) and the previous owner (Mr. Bill Pankey). Mr. Pankey stated that his family purchased farmland in the immediate area, including the subject property, in 1946. During that period, agricultural development onsite consisted on crops and orchards. Mr. Pankey noted that there were two water wells onsite. To the best of his knowledge, there were no underground fuel storage tanks within the current property boundary. He continued by noting that there may have been other wells onsite. Pesticide application to the offsite orchards were permitted through the County Department of Health. Mr. Pankey discussed that the wind machines previously utilized within the orchards onsite were gasoline-powered, with fuel tanks within the metal tower legs. There were no underground tanks associated with the wind machines. He concluded by saying, that except for a "meth lab" that "blew-up" on the subject property, he was unaware of any environmental issues associated with the subject property.

Mr. Rottman stated that he had purchased the subject property from Hewlett Packard in 1997, and was owner of the livestock within the property, including two ostriches. During that period, he was unaware of any above ground or underground storage tanks located within the subject property, as well as hazardous wastes/restricted chemicals stored and/or used within the subject property. He indicated that there were two old water wells onsite, and a recent well associated with the residence on Parcel A. Mr. Rottman stated he was unaware of any environmental issues associated with the subject property. Mr. Rottman noted that the goats were killed by coyotes, and he was unaware of the dead cattle. No additional information was provided.

- Due to the overall acreage and linear dimension of the subject property, GSI conducted two separate agency database searches for the subject property. The agency database comprising Parcel A (Appendix A) indicated there are 21 water wells (including one onsite) and eight mapped risk sites listed within a 2-mile radius of the south central portion of Parcel A, including a site designated as Hewlett Packard (North Highway 395). Limited information provided in the database indicated that a 500 gallon tank was "closed by removal." No additional information was provided. It should be noted, that there were no dual listings found in other

electronic databases reviewed that noted an active case and/or contamination associated with this site. In addition, there were two sites listed in the State Leaking Underground Storage Tank database, located at least 2/5-mile northwest of the subject property. The status of the two listings are reported as a "non-tank" case type and "case closed" by removal related to gasoline contamination of soil only. Overall, the remaining risk sites are reported in the State Water Resources Control Board permitted tank database, or in the County of San Diego Environmental Health Services HE 17 database. There were, however, no dual listings found in other electronic databases reviewed that noted an active case and/or contamination associated with these sites; therefore, these listings are not anticipated to represent a potential environmental concern to the subject property.

The agency database for Parcel B (Appendix C) indicated there are 39 water wells and 11 mapped risk sites listed within a 2-mile radius of the south central portion of Parcel B. There were no listings of water wells within the site. One on the mapped risk sites was the Pankey Ranch (5328 Highway 76). The Pankey farm listing, reported on the County of San Diego Environmental Health Services HE 17 database, is related to an above ground diesel tank and an above ground propane tank. There were, however, no dual listings found in other electronic databases reviewed that noted an active case and/or contamination associated with the Pankey site. Overall, the remaining risk sites are reported in the State Water Resources Control Board permitted tank database, or in the County of San Diego Environmental Health Services HE 17 database, where no dual listings found in other electronic databases reviewed that noted an active case and/or contamination. These listings, are not anticipated to represent a potential environmental concern to the subject property, based upon the information provided to date.

- As a result of the aforementioned database listing of Pankey Ranch, as well as an unmapped site listing referred to as Rancho Viejo/Parcel 1 Monserate Rancho, GSI reviewed specifically related files at the County of San Diego Department of Environmental Health. Based upon our review, the Rancho Viejo/Parcel 1 Monserate Rancho files were associated with cleanup of an old landfill and oil contamination on land situated south of Parcel B, on Shearer Crossing. Based upon this site located at a down groundwater gradient from the subject property, previously reported contamination associated with this site is not anticipated to represent a potential environmental concern to the subject property.

The Pankey files indicated that permits to operate underground storage tanks were in effect in 1986, and assigned exempt status due to their farm usage in 1987. Compliance inspection reports by the County in 1992 noted that all underground storage tanks were reportedly removed from the site. A 1993 Compliance inspection report indicated that the seven, previously exempt tanks were removed from the site. Wastes remaining consisted of drums containing waste oil and waste oil filters. Compliance inspection reports by the County in 1999 and 2001 described inventories of hazardous wastes, such as waste oil filters, waste oil, and mixed oil. There were no significant violations reported.

- Based upon review of our agency database/records search (Appendix C), there does not appear to be a documented and/or reported commercial or industrial facility listed within the study radius of the site which represents a significant potential source of contamination which would adversely affect the site. Agency records found no active listings, records, or files on the use, storage, or disposal of hazardous waste or petroleum products on the site. The search of selected federal, state and local government databases conducted as a part of this assessment provides a detailed list of regulatory agency files/records regarding properties with existing and/or potential environmental issues. Typically, sites that do not appear on the databases either do not have existing and/or potential environmental issues, or there are no reasonably ascertainable records/files of existing and/or potential environmental issues. It does not appear unreasonable to conclude that interviewing regulatory agency personnel would generate substantial data regarding environmental issues that may have been associated with historical operations within the property, if such data negatively impacted the property.
- Based upon our recent site visit, there were visible signs of one active water well on Parcel A and two abandoned water well on Parcel B. Public use water wells (i.e., Federal Drinking Water Sources), as reported in a March 1998 United States Geological Survey database, reported a total of 61 water wells within the study radius. Limited information provided in the database indicated that the domestic use well on Parcel A was drilled to a depth of 150 feet, with a static water level reported at 42 feet. Water depths reported in other wells in the site area ranged from 4 feet to 57 feet. Based upon topographic expressions, the local groundwater gradient in the site vicinity is estimated to be south to southeasterly, toward the San Luis Rey River. "Perched" groundwater, where relatively impermeable sediments underlie relatively permeable sediments filled with water may be encountered at shallow depths onsite, and may be anticipated, especially during the rainy season, or as a result of heavy irrigation.
- Generally, there were no adverse uses visually observed on properties surrounding the subject site that are, or may be contributing significant amounts of hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures for handling, storage and disposal of petroleum products are followed.
- To preliminarily evaluate the potential for restricted agricultural chemical residues, surficial soil samples were collected from depths of ± 1 foot within the subject property (Appendix D). Sampling of earth materials within Parcel B, consisted of a total of ten (10) samples collected from select locations, based upon topography and previous agricultural activity. One water sample was collected from an outfall pipe into an onsite creek. All samples collected were tested discretely for Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, Total Organic Lead, Total Petroleum Hydrocarbons (gas and diesel), pH, and nitrate.

- Except for DDT, DDD and DDE (i.e., $\text{DDT}_{(\text{Total})}$) no constituents of Chlorinated Pesticides were reported above the laboratory detection limits (i.e., non-detect). Concentrations of $\text{DDT}_{(\text{Total})}$ (0.0024 milligram per kilogram-mg/kg to 0.894 mg/kg) were detected in six (6) soil samples. There were no analytes detected in the water sample. There were no constituents detected above the laboratory detection limits for the suite of tests consisting of Organophosphorous Pesticides, Chlorinated Herbicides, Total Organic Lead, and Total Petroleum Hydrocarbons (gas and diesel). Test results for pH indicated the soils and water were slightly acidic to slightly basic (pH of 6.5 to 8.0). Concentrations of nitrate (as N) in soil samples were found to range from "non-detect" to 132 mg/kg. Concentrations of nitrate (as N) in the water sample was reported at 43 milligrams per liter (mg/l).
- For comparison purposes, regulatory action levels for hazardous waste criteria (i.e., Total Limit Threshold Concentration) is 1.0 mg/kg for $\text{DDT}_{(\text{Total})}$. Based upon these results, no additional evaluation of agricultural chemical residues in earth materials onsite appears warranted, at this time.
- The Maximum Contaminant Level (MCL) for drinking water for nitrate (as N) concentrations is 10 mg/l. In addition, Regional Water Quality Control Board-San Diego Region numerical objectives for nitrate in inland surface waters is also 10 mg/l. These thresholds were exceeded in the water sample. It does not appear that there are specific threshold criteria for nitrate in soil.

Where applicable, GSI has used existing regulatory data as a screening tool for the detected concentrations of pesticides and other contaminants within the property. Preliminary Remedial Goals (PRGs), which combine existing USEPA toxicity values with generally accepted exposure factors to estimate concentrations in residential soil that do not represent a cancer risk to humans greater than one-in-one million (i.e., 1×10^{-6}), are 1.7 to 2.4 mg/kg $\text{DDT}_{(\text{Total})}$. Concentrations of $\text{DDT}_{(\text{Total})}$ were found to be less than the criteria established as a potential risk to human health (Smucker, 2000). Based upon the laboratory test results, earth materials onsite do not appear to contain chemical residues of the constituents evaluated herein, that represent a risk to human health.

- The PRG for nitrate is listed at 10.0 mg/l, based upon an infant non-cancer endpoint. Detected concentrations of nitrate in the water sample onsite were four times greater than the PRG criteria for tap water.

Based upon the scope of work completed, GSI concludes that the overall potential for significant hazardous materials/waste and/or petroleum contamination onsite is low and one recognized environmental condition was identified; however, the uncertainty of other potential environmental concerns can not be totally eliminated. Based upon the information obtained during the course of the assessment, GSI presents the following recommendations:

- Based upon laboratory test results of the water sample collected onsite, concentrations of nitrate exceed the MCL for drinking water and the water quality objectives for surface water. As a result, water discharged onto the property may be considered a recognized environmental condition; however, due to the current land use as cattle grazing, this condition does not appear to be a significant issue at this time. Considering the apparent offsite source of water (from the east), the most prudent method of mitigation would be to eliminate the discharge source.
- Due to the inoperative state of two wells within Parcel B, groundwater sample(s) collected down gradient from the previous agricultural activities onsite were not available. Dependant upon the level of assurance required by the Client and/or financial institution, testing of groundwater within Parcel B may be considered; however, pump maintenance and a temporary power source would be required. As an option, a temporary monitoring well may be installed near the southern portion of the property.
- Field observations and agency records/files indicate that there are at least three water wells onsite. Recent field observations indicate that the two wells observed on Parcel B are not in operation. Wells on Parcel B will require proper abandonment, following State of California guidelines. Guidelines dictate that a state registered water well contractor shall abandon water wells. GSI can coordinate these services upon request.
- Based upon information provided by one of the previous property owners (Mr. Pankey) as well as upon historical map information (Figure 1), there may have been two other wells within the subject property. An effort should be made during site development to identify near-surface conditions related to the water well that was reported in the northwestern corner of Parcel B, and one well that previously served the residence on Parcel A. It should be noted, that Mr. Pankey suggested that the well historically noted in the northwest corner of Parcel B, may have been within the area improved by the I-15 corridor. If there are no current records found regarding well abandonment, any well encountered onsite during grading will require proper abandonment. The Client should also be aware that state well abandonment procedures have been revised in the last ± 10 years.
- If the groundwater pumped from the onsite well in Parcel A continues to be utilized by tenant on the subject site, under the ownership of the Client, consideration should be given to evaluating recent records of water tests relative to potable water quality.
- Owing to the site's historic agricultural use, it is possible that buried/concealed/hidden tanks and agricultural by-products, both below and above ground may have existed or exist, and may not be apparent at the time of our site visit. Accordingly, this should be considered during project feasibility planning and construction. During grading, removals should be monitored by a competent environmental professional, which would provide recommendations for


characterization of potential contaminants encountered (if any). Recommendations may include (but not limited to) soil sampling and chemical laboratory testing, and subsequent mitigation/treatment of near-surface soils.

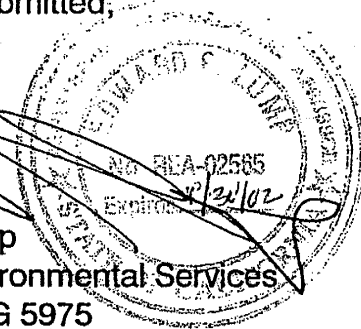
- Based upon the historical presence of farm-support type structures on or directly adjacent to the subject property, there is a possibility that onsite sewage disposal systems (i.e., septic tank[s], seepage pits, and/or leach lines, etc.) are present on the property. Although not considered a hazardous waste, any buried septic systems should be properly removed or abandoned following health department guidelines.
- Due to the long-term agricultural use of the subject property, there is a potential that abandoned irrigation lines or removed structures may contain asbestos materials. If encountered, buried concrete lines should be evaluated by an experienced asbestos consultant prior to removal. Care should be taken during removal to limit the amount of breakage and/or crushing of the piping.
- GSI recommends that field observations be completed during future grading of the subject property by an experienced environmental professional. Considering the age of the agricultural operations, as well as the reported use of gasoline powered wind machines, evaluation of buried trash/debris encountered during demolition and grading should include petroleum residues encountered in earth materials onsite (if any). There were no surface indications, however, of significant petroleum residues visible within the subject property.
- All trash and debris within the property should be disposed of offsite, in accordance with current local, state and federal disposal regulations. Any buried trash/debris encountered should be evaluated by an experienced environmental consultant prior to removal.
- Based upon the information collected by GSI during this Phase I Environmental Site Assessment, further studies or action, other than the above, are not proposed from an environmental viewpoint, at this time.

The opportunity to be of service is appreciated. If you should have any questions, please do not hesitate to contact the undersigned.

Respectfully submitted,

GeoSoils, Inc.

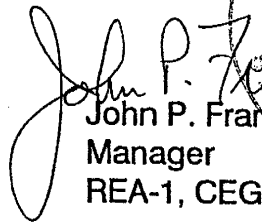

Edward P. Lump
Director of Environmental Services
REA-1 2565, RG 5975

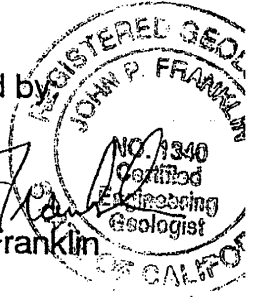


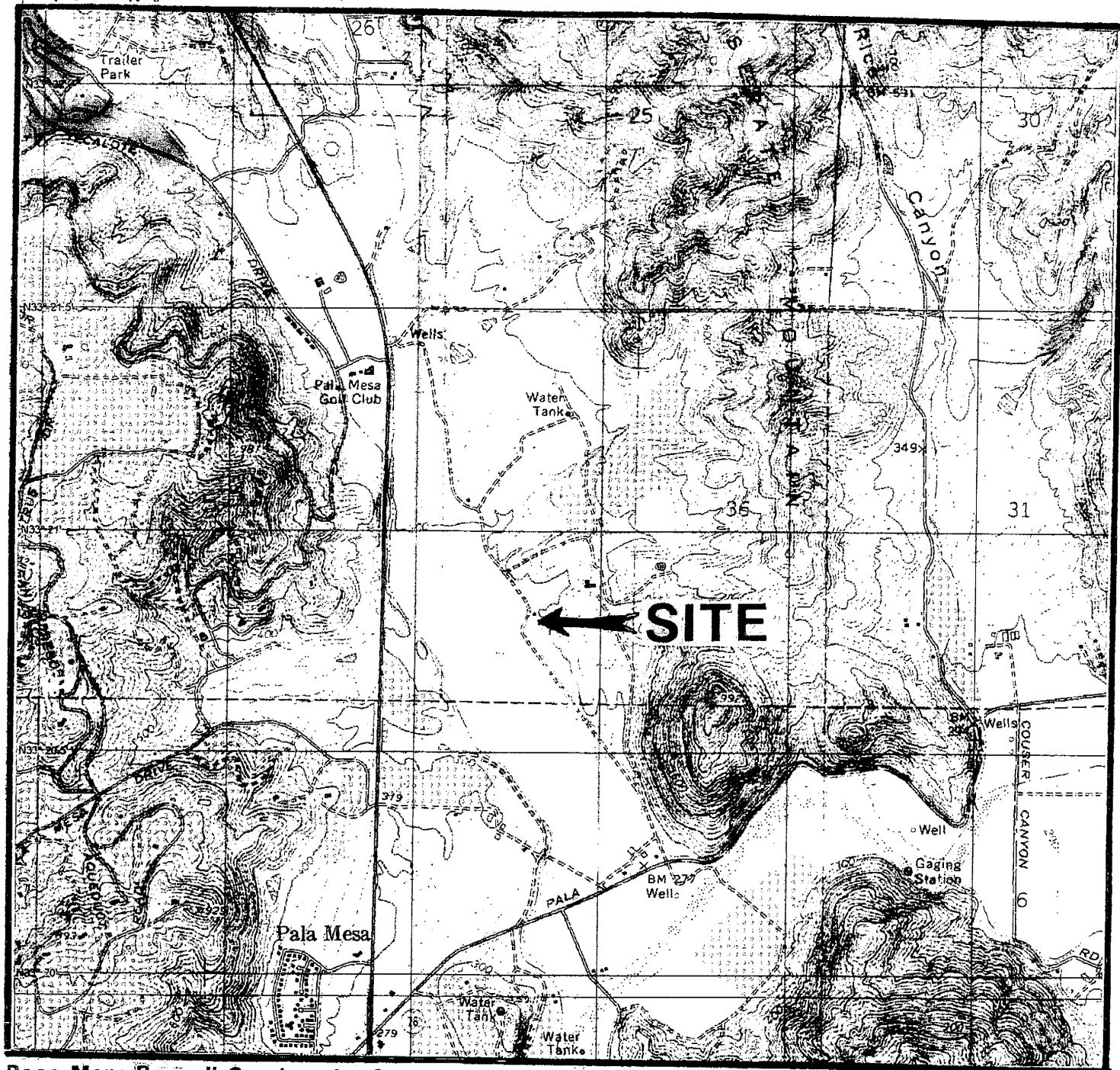
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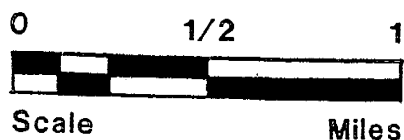
Reviewed by


John P. Franklin
Manager
REA-1, CEG 1340





Base Map: Bonsall Quadrangle, California--San Diego Co., 7.5 Minute Series (Topographic), 1975, by USGS, 1"=2000'



All locations are approximate.

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	W.O. E3176-SC
<h2>SITE LOCATION MAP</h2>	
Figure 1	

4. A review of government documents and electronic databases concerning available pertinent environmental information for the subject property (Appendix C);
5. Interview property owner, manager, and/or pertinent governmental staff;
6. Limited chemical residue survey (Appendix D); and,
7. Preparation of this report which relates the findings of these studies and presents GSI's conclusions and recommendations.

Limitations and Exceptions

This study does not include any of the following:

- Subsurface or geotechnical evaluation of the subject property;
- Identification and/or evaluation of wetlands;
- Identification and/or evaluation of methane gas;
- Identification and/or evaluation of biological concerns;
- Consideration of possible future contamination of the subject property from adjacent or surrounding facilities or properties; and,
- Asbestos, radon gas, lead paint, or electromagnetic evaluation(s).

Terms and Conditions

This report is intended for the use of the Client (E.D., Ltd.). The contents should not be relied upon by any party other than the aforementioned without the express written consent of GSI.

This report does not consider possible future contamination of the subject property from adjacent or surrounding facilities or properties. All judgements concerning adjoining properties apply only to conditions observed during the time of the on-site reconnaissance.

SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS

Site/Project Description

Overall, the subject 500-acre property is located east of the Escondido Freeway (I-15), north of Pala Road (Highway 76) and the San Luis Rey River, west of Rice Canyon Road, and south of Stewart Canyon Road. The subject property consist of two parcels; Parcel A, roughly 173 acres in size, is located within the northern portion of the subject property; and, Parcel B, comprising roughly 325 acres, is situated within the southern portion of the property as a whole.

Topographically, the property consists of southwest-facing natural slopes, with intermittent southwest-draining canyons within the Parcel A and the northern portion Parcel B. The southern area of Parcel B is characterized by a southerly sloping, relatively level, broad canyon. Based upon 200-scale topographic maps by the County of San Diego (dated 1973 and 1986), elevations onsite range from roughly ± 890 feet above Mean Sea Level (MSL) in the northeastern corner of Parcel A, to approximately ± 260 feet above MSL near the southern portion of Parcel B.

Based upon our recent site visits, access to the subject property is via a locked gate at the intersection of Pankey Road and Pala Mesa Heights Road. A parked travel bus and associated engine parts were noted behind the gate. Minor trash and debris, including dumped concrete wastes were observed on the north side of Pala Mesa Heights Road, near the bus. Except for small areas (i.e., less than ± 10 square feet combined) of minor surficial staining near engine parts associated with the parked travel bus, there did not appear to be obvious surficial evidence of significant hazardous materials/waste and/or petroleum contamination on the subject site. Except for an occupied residential trailer, parked vehicles, scattered debris and a recently constructed water well near the boundary between the two parcels, relatively dense, uniform vegetation was found to cover the majority of Parcel A. There were remnants of structures in at least two areas along a travelable dirt road in northeasterly section of Parcel A, trending northeast from the trailer. A small pile of waste lumber was encountered along the lower edge of the southwesterly sloping canyon. A concrete foundation, abandoned appliances, and old utility lines were encountered further up-gradient along the southern edge of the canyon.

Debris was encountered within the canyon situated north of the existing residence in Parcel A. Localized areas of trash and debris, including remnants of the previous structures within Parcel A, appeared to be dumped into this canyon. Steep natural slopes and dense vegetation hindered direct access and visual observation of the dumped materials, which consisted of (but not limited to) waste lumber, household trash, metal/plastic debris and abandoned appliances, dumped furniture, and a plastic 55-gallon drum.

Parcel B is currently utilized for livestock grazing. Dirt cattle trails were visible throughout the site, as well as remnants of dirt roads. Above ground wooden power poles dissected the property, including lines near an abandoned metal pump-house in the northeastern portion of the site. Rainbow Municipal Water District sewer manholes and easement road were observed along the northwestern edge of the site. Waste lumber and trash, remnants of a small structure, was observed in the northwestern corner of the site, directly southeast the cul-de-sac end of Pankey Road. There were no obvious signs of a water well previously reported in this area (see Figure 1). A livestock pen and loading area was observed in the northeastern portion of the parcel, near the entrance of a southwesterly sloping canyon onto the property. Storm drain pipes were found underlying dirt roads crossing canyons along the eastern boundary of the site with the active offsite orchards. Water flowing from a small-diameter metal pipe was observed discharging into a flowing creek along the eastern edge of the site. In addition, there were old concrete foundations, piping remnants of a water well, and what appeared to be a level-graded building pad encountered on a small knoll in the central portion of the site. What appeared to be a second level-graded building pad was observed near the east central site boundary with the citrus orchards.

Overall, minor amounts of non-hazardous trash and debris were observed locally within Parcel B, especially along perimeter dirt roads and adjacent to paved access roads. Rubber tires found locally within grazing areas appeared to be utilized as "salt-lick" containers. Generally, trash and debris consisted predominantly of waste concrete fragments, household trash (i.e., glass, plastic, paper), waste lumber, landscape wastes, waste oil filters, rubber tires, metal fragments, and abandoned appliances. Of note, were goat skeletons scattered locally within the northeastern portion of Parcel B, including decomposed goats found within the abandoned pump-house. Two cattle carcasses were observed near the southeastern portion of the parcel. Discussions with the current property owner (Mr. Steve Rottman) indicated that the goats were killed by coyotes, and he was unaware of the recently deceased cattle.

Proposed Development

Information provided on the conceptual development maps for Parcel A suggests that approximately ± 340 single-family residential lots are proposed, with interior roadways. Access is proposed off Pankey Road and Pala Mesa Heights Road.

The proposed improvement of Parcel B would consist of approximately nine, relatively large commercial lots within the northern section and an open space in the southern portion. Access to Parcel B is planned off Pala Road.

It is anticipated that the buildings would be one- and/or two-story structures, utilizing typical wood-frame construction with continuous footings and slabs-on-grade. Building loads are assumed to be typical for this type of relatively light construction. It is our understanding that potable water will be supplied to the project by the Rainbow Municipal Water District. Sewage disposal is proposed to be accommodated by tying into the regional system,

locally operated by the Rainbow Municipal Water District. The need for import soils is unknown.

Observational Reconnaissance

Onsite Reconnaissance

On December 10 and 11, 2001, a GSI representative (Mr. Lump) visited the subject property to assess current site utilization and observe for signs of possible surface contamination. Features observed during the site are described below and illustrated on the Site Maps, Plate 1 (Parcel B) and Plate 2 (Parcel A). Field methods utilized by GSI during the site reconnaissance included driving accessible roads within the subject site, walking areas of the property where signs of disturbance to native vegetation and/or earthwork was visible, walking dirt trails, walking areas of stockpiled earth materials, and visual observations of the higher elevations of the property for disturbances. In addition, GSI utilizes historical aerial photos and maps to evaluate areas of a parcel previously improved/developed prior to the site visit. Photographs of the subject property are presented in Appendix B.

- **Buildings on property, and general usage** - The subject property is predominantly vacant and undeveloped, with an active residential trailer on Parcel A. In addition, remnants of previous structures were encountered at two locations within Parcel A, such as concrete slabs, foundation stemwalls, abandoned appliances/furniture and waste lumber. Remnants of previous structures were encountered at three locations within Parcel B onsite, such as graded building pads, concrete slabs and foundation stemwalls, and abandoned appliances/furniture. There were two small above ground tanks observed near the trailer on Parcel A (one propane and one water).
- **Storage Tanks** - There are no other surface signs of underground or above ground fuel storage tanks currently located on the subject property.
- **Chemical Storage** - There is no known storage of chemicals currently on the subject property.
- **Potential sources of Polychlorinated Biphenyls (PCBs)** - There were transformers observed on overhead power poles within the property boundary. Based upon conversations previously with San Diego Gas and Electric (SDG&E), transformers in the county have been tested by their company and were found to contain little or no concentrations of PCBs in the mineral oils. SDG&E has indicated that the likelihood of transformers containing high concentrations of PCBs is extremely low, and should any leaks develop, it would be their responsibility to clean up the area. Observations of the property does not yield any equipment onsite that would be considered a significant source of PCBs.

- **Utility Structures, Roads, Disposal Systems, Water Wells-** Pankey Road (north and south sections) and Pala Road are paved and improved, with sewer and telephone manholes and storm drain inlets. Rainbow Municipal Water District sewer manholes and concrete risers were observed along the northwestern edge of Parcel B, near the I-15 easement. Due to the previous land use for cultivated crops and orchards, there is a potential for irrigation lines to be buried within both parcels. Dirt roads/trails were visible throughout the property, along with an eroded asphalt-paved road (i.e., Pala Mesa Heights Road) between the two parcels. No sewage disposal systems were observed on the property; however, based upon the previous land use and activity, there is a high potential for onsite sewage disposal systems to exist within the subject property, including an active system associated with the residence in Parcel A. There were signs of two abandoned water wells within Parcel B and one active well within Parcel A. It is our understanding, however, that there is a possibility that there is a second well on Parcel A (near the existing well), and at least one other well near the northwest corner of Parcel B.
- **Electromagnetic Evaluation** - Evaluation of electric and magnetic fields (EMFs) is beyond this current scope of work; however, overhead main distribution and/or main transmission lines, were not observed on the project site.
- **Environmental Releases and Spills** - Small patches (i.e., less than ± 10 square feet combined) of discolored surface soils were noted around the parked travel bus and associated engine parts observed near the intersection of Pankey Road and Pala Mesa Heights Road. There were no other obvious surface discolorations, spills and/or releases of hazardous materials noted on the subject property.
- **Asbestos** - Evaluation of the presence of asbestos on the site is beyond the scope of this study. No buildings and/or structures, which may contain asbestos, remain within the site during our site reconnaissance. It should be noted, however, that buried water lines, previously utilized for agricultural irrigation onsite, may contain asbestos materials, as well as the structures/buildings that have been removed from the property.
- **Radon** - A detailed radon survey was not a part of this ESA since the potential for radon gas accumulation is generally low in southern California. A publication by the American Society of Testing and Materials (ASTM) suggests that the Pacific Coastal Range is expected to have a low to moderate radon potential. In addition, a study reported by the Los Angeles Times (Nagda, 1994) and California Environmental Protection Agency (CAL EPA) suggested a very localized geographic radon problem within the state. California school officials found virtually no elevated radon levels in public schools (Nagda, 1994). Because of this and the nature of standard building industry construction techniques in southern California (i.e., vapor barriers under slabs) and a mild year-round climate, the potential for radon gas accumulation is not considered as a significant environmental threat to the planned development.

In 1990, the State of California (1990) conducted a radon survey in the state. The results of the survey indicate that for the 182 samples obtained in Region 9, which included Los Angeles, Riverside, San Bernardino, Orange, San Diego and Imperial Counties, the arithmetic mean radon levels were 0.6 pCi/l. This average total is below the radon action level of 4 pCi/l.

- **Lead Paint** - Evaluation of the presence of lead paint on the site is beyond the scope of this current study; however, no buildings and/or structures were found to remain within the property during our site reconnaissance.

Border Zone Reconnaissance

Adjacent property use is as follows:

Parcel A

- Vacant and undeveloped hillside property exists along the north and east property boundaries.
- Pala Mesa Heights Road and Parcel B are located along the southern site boundary.
- Pankey Road (northern extension), low density residential and/agricultural property, and the I-15 corridor exists west of the property boundary.

Parcel B

- Pala Mesa Heights Road and Parcel A are located along the northern parcel boundary.
- The I-15 corridor exists west of the property. A model airplane airport (Palomar Radio Control Flyers-Johnson Field) is located along the southwesterly limits.
- Pala Road comprises the southern property boundary.
- Active citrus orchards exist along the east central and southeast parcel limits. Vacant and undeveloped hillside property exists along the northeast property boundary.

Photographic Record

Representative color photographs have been taken of the various items mentioned in the site reconnaissance observations presented above. These photographs are presented in Appendix B.

RESULTS OF GOVERNMENT AGENCY/DOCUMENTS REVIEW

List of Government Agencies and Databases Reviewed

In compliance with ASTM Standard of Practice E-1527-00, a search of selected federal and state government databases was conducted in-house by GSI, utilizing a master database (STARVIEW Real Estate) provided by Fidelity National Information Solutions (formerly VISTA Information Solutions, Inc.). Due to the overall size of the property and the linear dimension, two database searches were completed (one for each parcel). Following is a list of the agency databases reviewed for this report and the extended radius of search from the subject property (due to the overall size) for each of the database searches:

LIST OF DATABASES* AND AREAS SEARCHED			
To 1/8 - Mile	To 1/2 - Mile	To 3/4 - Mile	To 1 - Mile
ERNS	USTs	CERCLIS/NFRAP	NPL
RCRA-LgGEN	ASTs	LUST	SPL
RCRA-SmGEN	TRIS	SWLF	CORRACTS
SPILLS	RCRA Voil	DEED RSTR	TSD CORRACTS
HE17		SCL	
		TSD	
		CORTESE	
		WATER WELLS	
		TOXIC PITS	

*Details and descriptions of these databases can be found in Appendix C.

Results of Government Agency/Document Review

GSI conducted two separate agency database searches for the subject property. A review of the Government Records Database search reports dated November 12 and 30, 2001, indicated there are multiple listings at 19 mapped "risk sites" reported within the database search area, including the subject property (Hewlett Packard). In addition, there were 61 water wells (USGS/STAT database) identified in the study radius of the subject property, including one well on Parcel A. Complete details for the database search may be found in Appendix C.

Parcel A

The agency database comprising Parcel A indicated there are eight mapped risk sites listed within the study radius, including a site designated as Hewlett Packard at North Highway 395. Based upon the subject property previously owned by Hewlett Packard, it appeared that this 1994 State Water Resources Control Board permitted underground storage tank listing may have been associated with the subject property. No additional information was provided, except that a 500 gallon tank was "closed by removal." It should be noted, that there were no dual listings found in other electronic databases reviewed that noted an active case and/or contamination associated with this site.

In addition, there were two sites listed in the State Leaking Underground Storage Tank database (May Enterprises, 3840 Reche Road and 3582 Via Zara, Fallbrook), located at least 2/5-mile northwest of the subject property. The status of the two listings are reported as a "non-tank" case type (3840 Reche Road) and "case closed" by removal related to gasoline contamination of soil only (3582 Via Zara). Overall, the remaining risk sites are reported in the State Water Resources Control Board permitted tank database, or in the County of San Diego Environmental Health Services HE 17 database. There were, however, no dual listings found in other electronic databases reviewed that noted January 7, 2002 an active case and/or contamination associated with these sites; therefore, these listings are not anticipated to represent a potential environmental concern to the subject property.

Parcel B

The agency database for Parcel B indicated there are 11 mapped risk sites listed within the study radius. One on the mapped risk sites was the Pankey Ranch at 5328 Highway 76, associated with the active citrus orchards situated directly east of Parcel B. The Pankey farm listing, reported on the County of San Diego Environmental Health Services HE 17 database, is related to an above ground diesel tank and an above ground propane tank. There were, however, no dual listings found in other electronic databases reviewed that noted an active case and/or contamination associated with the Pankey site. Overall, the remaining risk sites are reported in the State Water Resources Control Board permitted tank database, or in the County of San Diego Environmental Health Services HE 17 database, where no dual listings found in other electronic databases reviewed that noted an active case and/or contamination. These listings, are not anticipated to represent a potential environmental concern to the subject property, based upon information provided to date.

In the following discussion, the acronym UST means Underground Storage Tank, AST means Above ground Storage Tank and the acronym LUST means Leaking Underground Storage Tank.

- **Underground and Above Ground Storage Tanks (USTs and ASTs)**

There are no permitted USTs and/or ASTs identified in Appendix C within the subject site. Overall, there were nine permitted USTs/ASTs listed within the entire study radius.

- **Leaking Underground Storage Tanks (LUSTs)**

There are no reported LUSTs identified in Appendix C within the subject site. There were two sites listed in the State Leaking Underground Storage Tank database (May Enterprises, 3840 Reche Road and 3582 Via Zara, Fallbrook), located at least 2/5-mile northwest of the subject property. The status of the two listings are reported as a "non-tank" case type (3840 Reche Road) and "case closed" by removal related to gasoline contamination of soil only (3582 Via Zara).

- **Solid Waste Landfills (SWLF)**

There are no reported SWLFs identified in Appendix C within the subject site or study search radius.

- **Unmapped Sites**

Overall, there are 29 "Unmapped Sites" listed in Appendix C, three of which are reported to be in the Community of Pala and 26 within the community of Fallbrook. Sites listed as "Unmapped Sites" do not have adequate addresses furnished with their filings to allow the various agencies and/or search firms to accurately plot the locations. Every effort is made by GSI to evaluate if any of these sites are located within the extended search radius of the subject property. Based upon our review, none of the sites listed appear to be within the study radius, or may be situated down groundwater gradient, and/or lower in elevation from the subject property, and therefore, not anticipated to represent an environmental concern to the subject site.

Our review of the unmapped sites includes a review of the street address provided in the database, as well as the city and the zip code, relative to the most recent Thomas Brothers Guide. In addition, GSI considers the topography of the subject property relative to the surrounding areas. In the case of the subject property, the surrounding developed areas are generally topographically isolated from the broad valley terrain within the subject property, except Pankey Farms. Therefore, the unmapped sites are not anticipated to represent an environmental concern to the subject site.

LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

Geology

The subject property lies within the Peninsular Ranges geomorphic province of southern California. The inland portion of San Diego County in this province is underlain locally by Eocene-age marine sedimentary deposits mantling a suite of volcanic/metavolcanic and granitic bedrock, ranging from Jurassic- to Cretaceous-age, respectively. The bedrock is commonly mantled by alluvium in the canyons and surficial soils (topsoil/slopewash) in mesas and slope areas. Bedrock has been faulted and fractured by both strike-slip and compressional northwest-trending faults which are related to the San Andreas transform-fault system. Some of these fault zones have remained active to the present time, including the San Jacinto fault zone, the Elsinore fault zone, the Newport-Inglewood - Rose Canyon fault zone, and other offshore faults (Jennings, 1994; Hart and Bryant, 1997). No known active or potentially active faults are shown crossing the site on published maps (Jennings, 1994).

Site Geology

Review of regional geologic maps (CDMG, 1962; CDMG, 1984) indicate that the subject property overall is underlain by Cretaceous-age plutonic rocks (i.e., granitic bedrock) of the Southern California Batholith (CDMG, 1989). Based upon our site reconnaissance, granitic bedrock is exposed at or near the surface throughout the northern of the property; however, alluvium and colluvial soils are anticipated to be encountered within the broad canyon areas. In addition, there is likely localized areas of artificial fill materials onsite, associated with the aforementioned building pads, I-15 corridor improvements, and earthen embankments (i.e., reservoirs).

Hydrogeology

The property lies within the Bonsall Hydrologic Subarea (HSA 903.12) of the Lower San Luis Rey Hydrologic Area (HA 903.10) of the San Luis Rey Hydrologic Unit (HU 903.00) within the San Diego Region (State RWQCB, 1994). Pala Mesa falls within Region 9 (San Diego) of the State Regional Water Quality Control Board (RWQCB). Existing beneficial uses of groundwater within this hydrologic area (Lower San Luis Rey HA) are municipal and domestic supply, agricultural supply, and industrial service and process supply (Table 2-5; State RWQCB, 1994).

There were visible signs of three water wells on the subject property; one active well in the southern edge of Parcel A, and two abandoned wells in Parcel B. In addition, a previous owner (Mr. Pankey) suggested that an old well existed west of the recently constructed well on Parcel A, and one may have existed within the I-15 easement, directly adjacent to the northwest corner of Parcel B. There were 61 public use water wells (i.e., Federal Drinking Water Sources), listed within the study radius, as reported in a March 1998 United States

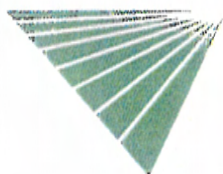
Geological Survey database (Appendix C), including records of one well near the northwest corner of Parcel B. Based upon topographic expressions, the local groundwater gradient in the site vicinity is estimated to be in a south to southeasterly direction, towards the San Luis Rey River (Figure 2).

State of California regional groundwater maps from 1967 indicated one water wells existed immediately adjacent to the site, near the northwest corner of Parcel B. The referenced maps provide generalized depths to groundwater in the central canyon area of Parcel B on the order of 26 to 50 feet. The 1967 maps indicated a suitable rating of groundwater for domestic and irrigation use in the San Luis Rey River, east of the subject property; however, groundwater was rated as marginal for domestic and irrigation use in the San Luis Rey River south and southwest of the subject property (i.e., down gradient). "Perched" groundwater, where relatively impermeable sediments underlie relatively permeable sediments filled with water may be encountered at shallow depths onsite (especially within the canyon bottoms), and may be anticipated, especially during the rainy season, or as a result of heavy irrigation.

SUMMARY OF HISTORICAL AERIAL PHOTOGRAPHS AND/OR MAPS REVIEW

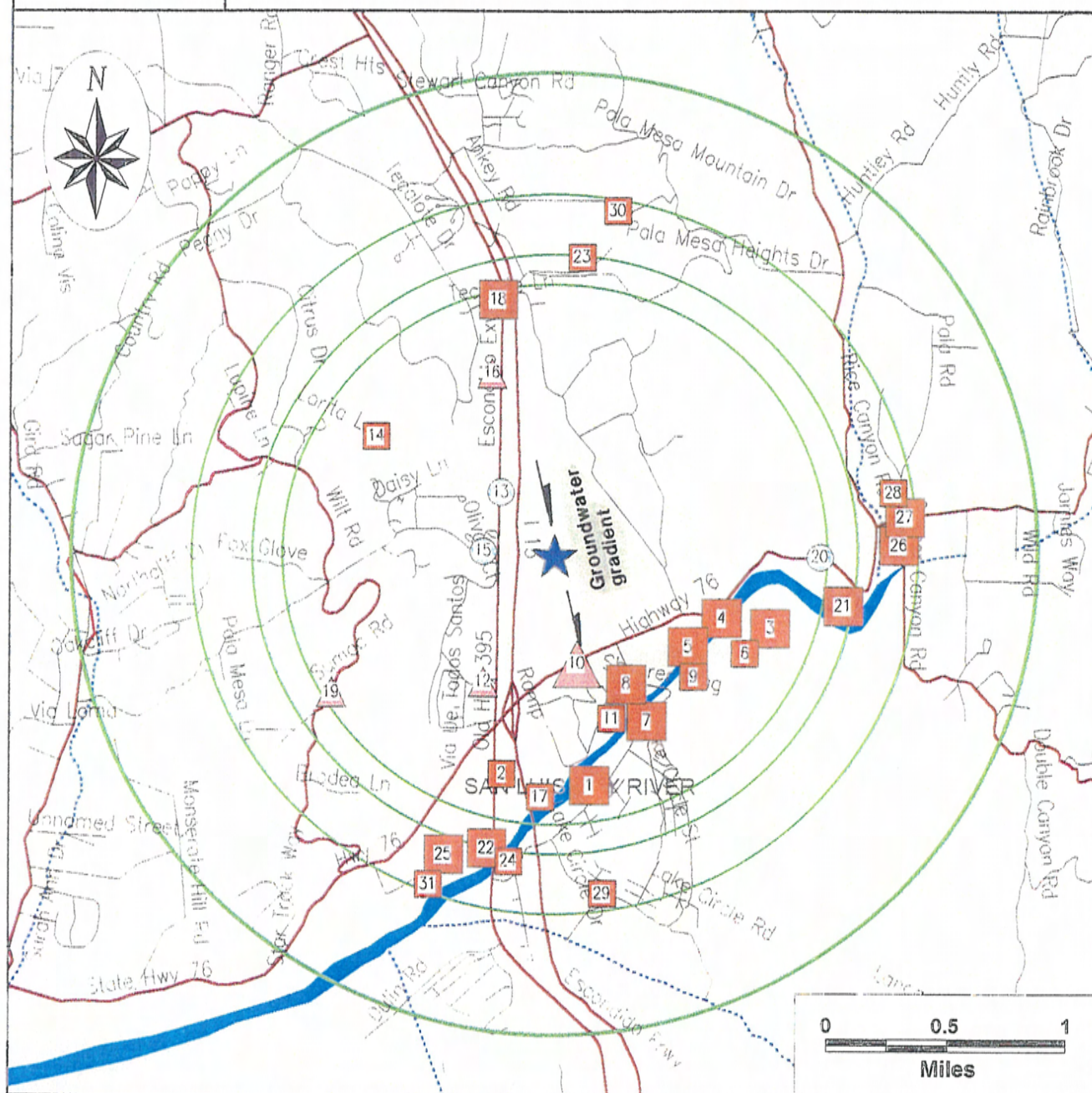
Table 1 is a listing of readily available historical aerial photographs (1928/1929, 1953, 1960, 1963, 1967, 1970, 1973, 1978, 1989, 1993, and 1994) and maps (1947, 1960, 1968, 1975, and 1986) that were evaluated as a part of this assessment for indications of historical land utilization, and for signs of potential hazardous materials/waste and/or petroleum storage, usage, contamination, or disposal areas. Generally, historical photographs, topographic maps, and orthographic maps were reviewed at the San Diego County Department of Planning and Land Use office on December 3, 2001. In-house United States Geological Survey (USGS) quadrangle topographic maps (1968, revised 1975) were also reviewed.

Based upon review of historical maps and photographs (discontinuous coverage), the subject property appeared to have been developed for agricultural purposes from at least 1928 to approximately 1978. Photographs from 1928/1929 indicated various plots of cultivated fields were visible onsite, including the northern portion of Parcel B. Only a small orchard was noted in the southeastern section of Parcel A, which appeared to be predominantly native. An unimproved, tree-lined road (Pala Mesa Heights Road?) was visible along the boundary between the two parcels. Buildings and/or building clusters, observed within the northern and west central portions of the site, were limited in number to one to three small structures. A relatively large earthen reservoir was visible near a small square-shaped structure (pump-house?) in the northeasterly portion of Parcel B. Except for dirt farm roads, there were no other readily visible improvements onsite during this period. The alignment of Pala Road, along the southerly portion of Parcel B, was substantially different from conditions today as compared to photos from 1928/1929.



SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

Map of Sites within One Mile



Subject Site	Category:	A	B	C	D
	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites				
	Multiple Sites				
	Highways and Major Roads	NPL, SPL, CORRACTS (TSD)	CERCLIS, NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS
	Roads				
	Railroads				
	Rivers or Water Bodies				
	Utilities				

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

For More Information Call VISTAinfo at 1 - 800 - 767 - 0403

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Date of Report: November 12, 2001

W.O. E3176-SC

GROUNDWATER GRADIENT MAP

Figure 2

The current alignment of Old Highway 395 was constructed sometime between 1947 and 1953. Photographs from 1953 show orchards developed in the eastern portion of Parcel A and the northeastern portion of Parcel B, along with a second larger earthen reservoir noted in the northwestern area of Parcel B. A small structure was visible directly west of the second reservoir. A small dirt road was noted along the western edge of this small structure, providing a northwest-southeast access through the subject property, intersecting two or three small clusters of farm support structures located further south. During this period, the road between the two parcels (currently Pala Mesa Heights Road) intersected Old Highway 395, providing access to at least two residences noted within the southern portion of Parcel A. The extent of cultivated land associated with the subject property extended west to the Old Highway 395.

By 1960, the majority of orchards had been removed from Parcel B. A small above ground tank (water?) was noted near the pump-house in the northeastern portion of Parcel B, with a second tank (water?) and water well observed near the northwest corner of Parcel B. In addition, wind machines were readily visible within the northern area of Parcel B, extending into the orchards that remained in the west-facing slopes east of the property. Except for minor variations in the vegetation patterns, the subject property remained unchanged until the late 1970's, when cultivated crops were not readily visible within the relatively level portions of the subject property, and when earthwork associated with the I-15 Freeway was observed along the western edge of the site.

By the late 1980's, conditions within the subject property were similar to today. Cultivated land was not visible within the site boundary; however, orchards were noted on parcels directly east and southwest of Parcel B. Photographs from 1989 noted what appeared to be non-cultivated trees established in the southern portion of Parcel B, including what appeared to be an improved drainage swale along the western edge of the site. At this time, the northern section of Parcel B appeared to be grasslands and the southern area appeared to be locally dense woodlands. Except for a small residence near the southern boundary, Parcel A appeared predominantly undeveloped. Pankey Road was improved south of Stewart Canyon Road to just south of Pala Mesa Heights Drive. A short section of Pankey Road was also observed north of Pala Road. Overall, there were no signs of unusual activities observed within the subject property.

Table 1
Historic Aerial Photograph and Map Review Summary

HISTORIC AERIAL PHOTOGRAPH AND MAP REVIEW SUMMARY		
DATE	MAP/PHOTO I.D./SUMMARY	SCALE
1928/1929	San Diego Co. Flight 16-F, Photos 6,7 and 8: Flight 7-A, Photos 8, 9, and 10: and Flight 7-B, Photos 9, 10, and 11; Site predominantly cultivated; however, crops were not discernable. Small orchard and residence visible in southern section of Parcel A. Large earthen reservoir visible in northeastern section of Parcel B, west of pump-house. Road visible between two parcels. Two small clusters of structures visible in central portion of Parcel B.	1"=1000'
1947	USGS, Temecula Topographic Quadrangle; Property noted as locally farmed with crops (southern area) and orchards (northeastern area). One dirt road visible trending northwest - southeast through property. Three structures noted on Parcel A and two structures denoted on Parcel B. Two oblong roadways in southern portion of Parcel B suggest horse training activities onsite. Old Highway 395 not present west of property.	1"=4,167'
1953	EDR Aerial Photography Services, Park Flight (Inquiry No. 702984.5); Orchards on Parcel A enlarged, with at least two residences noted in southern area. Northeastern portion of Parcel B covered with orchards, while western and southern areas remained cultivated fields. Two large reservoirs now visible in northern Parcel B. Small structure (pump-house?) visible west of reservoir in northwest section of Parcel B. Dirt roads visible onsite utilized for farm access. Small cluster of structures noted on east central boundary of Parcel B, with previously noted group of buildings in north central portion of Parcel B not visible.	1"=883'
7- and 12-60	County of San Diego Topographic Survey, Sheets 426-1719, 426-1725, 430-1719, 430-1725, 434-1719, 434-1725, 438-1719, and 438-1725; Majority of Parcel B designated as cultivated land with orchards noted on northeasterly edge. Wind machines and wind jets denoted in northeastern section of Parcel B. Dirt road between two parcels noted as boundary of Rancho Monserate. Two small clusters of structures remain visible in Parcel B. East portion of Parcel A remained orchards, with four clusters of buildings present. No wells and/or above ground storage tanks denoted on the maps. No unusual activity visible onsite.	1"=200'
12-14-60	San Diego Co. Flight T-2-SDC, Photos 6-95, 6-96, 6-97 and 6-98: Majority of orchard in northeastern portion of Parcel B replaced by cultivated fields. Large reservoir in northeastern portion of Parcel B no longer visible. Alignment of Old Highway 395 visible west of subject property, with direct access to the site from the northwest boundary of Parcel B and from the south (Pala Road).	1"=1,000'

HISTORIC AERIAL PHOTOGRAPH AND MAP REVIEW SUMMARY		
DATE	MAP/PHOTO I.D./SUMMARY	SCALE
1963	EDR Aerial Photography Services, Cartwright Flight (Inquiry No. 702984.5); What appeared to be wind machines visible in Parcel B. Pump-house, currently existing in eastern portion of Parcel B, visible. Large reservoir noted in 1928/1929 photos appeared backfilled, with a small orchard developed over area. Conditions within Parcel A remained similar to previously described. No unusual activities visible within site boundary.	1"=555'
5-8-67	San Diego Co. Flight GS-VBTA, Photos 1-210 and 1-211; Site and vicinity similar to previous photos.	1"=2,800'
1968 (photo-revised 1975)	USGS 7.5 minute Bonsall Quadrangle (Figure 1); Orchards locally visible on southeastern portion of Parcel A. Water tank denoted at intersection of two unimproved roads in northeasterly portion of Parcel B. Two structures visible in Parcel B and three structures visible in Parcel A. One well visible in northeastern corner of Parcel B, and second well visible offsite to the northwest. No significant revisions in 1975.	1"=2,000'
10-9-70	S.D.C. Flight, Photos 7-39, 40, 41, and 42 (color); Site and vicinity similar to previous photos.	1"=2,000'
12-20-73	SDPD Flight, Photos 26-60, 61, 62, 63 and 64 (color); Site similar to above. No unusual activity noted onsite.	1"=1,000'
1-15-74	County of San Diego Topographic/Orthographic Survey, Sheets 426-1719 and 1725 (partial coverage); Only south and southwest portion of Parcel B visible. No obvious signs of property development onsite. Signs of woodland development locally visible. I-15 Freeway not visible.	1"=200'
8-17-78	San Diego Co. Flight SDCO (West), Photos 210-22A-8, 9, 10, 11, and 12 (color): Rectangular slot cut out along northwestern edge of Parcel B, apparently associated with I-15 improvements. Pala Mesa Heights Dr. remained connected to Old Highway 395, with what appeared to be an above ground (water?) tank visible at entrance to property, and below westernmost reservoir in northwest corner of Parcel B.	1"=1,000'
8-86	County of San Diego Topographic/Orthographic Survey, Sheets 430-1719, 430-1725, 434-1719, 434-1725, 438-1719, and 438-1725 (partial coverage): Relatively small cluster of structures visible in southern edge of Parcel A, with what appeared to be numerous stockpiled materials situated east of residence, along with a oblong pen (?). Dirt roads visible in Parcel A, but no other development visible. I-15 Freeway and Pankey Road off northwest edge of Parcel B visible. Two small clusters of buildings visible within Parcel B; however, no other improvements noted.	1"=200'

HISTORIC AERIAL PHOTOGRAPH AND MAP REVIEW SUMMARY		
DATE	MAP/PHOTO I.D./SUMMARY	SCALE
1989	EDR Aerial Photography Services, USGS Infrared Flight (Inquiry #702984.5); No obvious signs of farming within subject property. Dense vegetation (woodlands) visible in southern section of Parcel B. I-15 corridor visible, with Pankey Road visible along northwest edge of Parcel B. Shallow moisture content noted within southern area of Parcel B. Orchards and crops visible in site vicinity.	1"=666'
3-30-89	San Diego Co. Flight WAC 89CA, Photos 1-106 and 1-108; Site remains predominantly undeveloped, similar to conditions observed today. No unusual activity detected onsite.	1"=2,600'
12-7-93	Lenska's Aerial Atlas Book, The Thomas Guide Commercial Edition, San Diego County, pages 1028 and 1048 (color): No significant changes observed to subject property. Site similar to surface conditions of today.	1"=2,000'
1994	EDR Aerial Photography Services, USGS Flight (Inquiry No. 702984.5); No significant changes observed to subject property. Site similar to surface conditions of today.	1"=666'

Historical Maps

Environmental Data Resources, Inc. (EDR's) Historical Topographic Map Report of the subject property included a search of available public and private color maps (noted above), as well as other standard historical sources. It is our understanding that fire insurance maps were not available for the subject property or vicinity.

Review of Previous Reports

There were no pertinent environmental and/or geotechnical reports provided to this office by the Client regarding the subject property.

Chain-of-Title Documents

No chain-of-title search was made by GSI as Client did not furnish or request any documents, and such a search was beyond the scope of this report.

Oil and Gas Well Activity

Oil and gas wells were not observed at the subject property during our site reconnaissance in December, 2001. An in-house review of the Munger Map Book for oil and gas fields in California and Alaska (Munger, 1999) indicated no oil or gas wells are located on the subject property.

RESULTS OF SITE HISTORICAL REVIEW

Discussions With Persons Familiar With Site

GSI interviewed (by phone) the current property owner Mr. Steve Rottman (December 14, 2001) and a previous owner Mr. Bill Pankey (December 13 and 31, 2001). Mr. Pankey stated that his family purchased farmland in the immediate area, including the subject property, in 1946. During that period, agricultural development onsite consisted on crops and orchards. Mr. Pankey noted that there were two water wells onsite, and there were no underground fuel storage tanks within the current property boundary. He continued by noting that there may have been a previous well associated with the residence on Parcel A, and that the well historically shown in the northwest corner of Parcel B may have been within the I-15 easement. Mr. Pankey noted that there were five above ground fuel storage tanks associated with the offsite citrus orchards located directly east of Parcel B. Pesticide application to the offsite orchards were permitted through the County Department of Health. Mr. Pankey discussed that the wind machines previously utilized within the orchards onsite were gasoline-powered, with fuel tanks within the metal tower legs. There were no underground tanks associated with the wind machines. He concluded by saying, that except for a "meth lab" that "blew-up" on the subject property, he was unaware of any environmental issues associated with the subject property.

Mr. Rottman stated that he had purchased the subject property from Hewlett Packard roughly four years ago (± 1997), and was owner of the livestock within the property, including two ostriches. During that period, he was unaware of any above ground or underground storage tanks located within the subject property, as well as no hazardous wastes/restricted chemicals stored and/or used within the subject property. He indicated that there were two old water wells onsite, and a recent well associated with the residence on Parcel A. Mr. Rottman stated he was unaware of any environmental issues associated with the subject property, and was not aware of the "meth lab" reported by Mr. Pankey. Mr. Rottman noted that the goats were killed by coyotes, and he was unaware of the dead cattle. No additional information was provided.

No other individuals were readily available for information regarding past and present utilization of the subject property.

Review of San Diego County Department of Environmental Health

On December 17, 2001, GSI reviewed specifically related files at the County of San Diego Department of Environmental Health (DEH). Based upon our review, the Rancho Viejo/Parcel 1 Monserate Rancho files, as referenced in our agency electronic database search (Appendix C), were associated with cleanup of an old landfill and oil contamination on land situated south of Parcel B, on Shearer Crossing. Based upon this site located at a down groundwater gradient from the subject property, previously reported contamination associated with this site is not anticipated to represent a potential environmental concern to the subject property.

As a result of the Pankey Ranch listed in our agency electronic database search (Appendix C), specific files/records were also reviewed at the County DEH. The Pankey files indicated that permits to operate underground storage tanks were in effect in 1986, and assigned exempt status due to their farm usage in 1987. Compliance inspection reports by the County in 1992 noted that all underground storage tanks were reportedly removed from the site. A 1993 Compliance inspection report indicated that the seven, previously exempt tanks were removed from the site. Wastes remaining consisted of drums containing waste oil and waste oil filters. Compliance inspection reports by the County in 1999 and 2001 described inventories of hazardous wastes, such as waste oil filters, waste oil, and mixed oil. There were no significant violations reported.

LIMITED AGRICULTURAL RESIDUE SURVEY

Purpose

In accordance with our proposal and Client's authorization, GeoSoils, Inc. (GSI) is providing this limited agricultural chemical residue survey covering the subject property, the location of which is illustrated in Figure 1. The purpose of this study was to preliminarily evaluate the potential presence of restricted agricultural chemical residues in soils on the subject site from the historical application of pesticides and/or herbicides to crops/orchards.

The scope of work included:

1. Completion of an agricultural chemical residue survey on the subject property (Appendix D - Laboratory Data); and,
2. Preparation of this report which relates the findings of these studies and presents GSI's conclusions and recommendations.

Scope of Work

The limited agricultural chemical residue survey consisted of ten (10) soil samples collected from existing earth materials onsite, and one water sample from a surface outlet pipe. Overall, samples were collected from random locations within the property, at a depth of ± 1 foot. Samples were collected by field personnel from this office on December 11, 2001, properly stored and transported to a California Department of Health Services (DHS) certified laboratory the same day, following proper procedures. A Chain-of-Custody record was recorded within the laboratory. Sample locations are shown on Plate 1.

Based upon a list of 18 Hazardous Agricultural Substances generated by the San Diego County Department of Environmental Health Services (EHS), chemical testing included the following substances:

- Samples tested for Chlorinated Pesticides, utilizing EPA test method 8081.
- Samples tested for Organophosphorous Pesticides, utilizing EPA test method 8141A.
- Samples tested for Chlorinated Herbicides, utilizing EPA test method 8150.
- Samples tested for Total Organic Lead, utilizing Title 22 methods.
- Samples tested for Total Petroleum Hydrocarbons (TPH), utilizing EPA test method 8015B (gas and diesel).
- Samples tested for pH, utilizing EPA test method 9045.
- Samples tested for nitrate (as N), utilizing SMEWW 4500.

Since the County of San Diego EHS does not recognize test results from composite samples, GSI requested the chemical laboratory to test all samples collected individually for the aforementioned chemical suites of tests.

Holes were excavated using a four (4) inch diameter hand auger. The stainless steel hand auger was washed in a tri-sodium phosphate (TSP) solution and rinsed with clear water. The auger was final rinsed with distilled water prior to each test hole. Soils encountered in our holes consisted of dry to slightly moist, loose to slightly dense, dark brown to brown silty sands and clayey sands. Samples were collected, stored and transported to a California Department of Health Services (DHS) certified laboratory the same day, following proper procedures. A Chain-of-Custody document, recorded with the laboratory, is included in Appendix D.

Preliminary Chemical Test Results

Based upon the laboratory test results, concentrations of DDT/DDD/DDE (i.e., DDT_(Total)) were detected in six (6) of the ten (10) samples collected from the subject property, ranging from 0.0024 milligrams per kilogram (mg/kg) to 0.894 mg/kg. For comparison purposes, regulatory action levels for hazardous waste criteria (i.e., TTLC) for DDT_(Total) is 1.0 mg/kg. Test results are provided in Appendix D.

Provided below (Table 1) are test results (DDT_{Total}), as well as criteria limits for the preliminary estimate of risk to human health (i.e., Preliminary Remedial Goals-PRG's). Test results are provided in Appendix D.

TABLE 1
SUMMARY OF CHEMICAL TEST RESULTS
EPA TEST METHOD 8081

SAMPLE LOCATION	EPA 8081 (mg/kg)	PRG ⁽¹⁾ (mg/kg)
HA-1 @ 1'	0.0026	1.7/1.7*/2.4**
HA-2 @ 1'	0.0024	1.7/1.7*/2.4**
HA-3 @ 1'	0.0451	1.7/1.7*/2.4**
HA-4 @ 1'	0.0027	1.7/1.7*/2.4**
HA-5 @ 1'	ND	1.7/1.7*/2.4**
HA-6 @ 1'	ND	1.7/1.7*/2.4**
HA-7 @ 1'	0.894	1.7/1.7*/2.4**
HA-8 @ 1'	ND	1.7/1.7*/2.4**
HA-9 @ 1'	ND	1.7/1.7*/2.4**
HA-10 @ 1'	0.0149	1.7/1.7*/2.4**
WS-1	ND	0.20*/0.20*/0.28** ⁽³⁾

PRG ⁽¹⁾ - Preliminary Remedial Goals - DDT*and DDE*(1.7 PRG), and DDD**(2.4 PRG) (Smucker, 2000)

PRG ⁽²⁾ - Preliminary Remedial Goals (tap water) - DDT*, DDE* and DDD** (Smucker, 2000)

0.28 ⁽³⁾ - micrograms per liter

ND - Not detected at or above the laboratory detection limit

Laboratory test results were reported as "less than detection limits" for Organophosphorus Pesticides (EPA test method 8141A), Chlorinated Herbicides (EPA test method 8150), Total Organic Lead, and Total Petroleum Hydrocarbons (gas and diesel). Test results for pH in the samples indicated the soils and water were slightly acidic to slightly basic (pH of 6.5 to 8.0). Test results are summarized in the table below (Table 2), and provided in Appendix D.

TABLE 2
SUMMARY OF CHEMICAL TEST RESULTS
EPA TEST METHOD pH, 8141, 8150, 8015 B, and ORGANIC LEAD

SAMPLE LOCATION	pH	EPA 8141A ⁽¹⁾	EPA 8150 ⁽²⁾	EPA 8015B ⁽³⁾	ORGANIC LEAD
HA-1 @ 1'	6.9	ND	ND	ND	ND
HA-2 @ 1'	7.4	ND	ND	ND	ND
HA-3 @ 1'	8.0	ND	ND	ND	ND
HA-4 @ 1'	6.7	ND	ND	ND	ND
HA-5 @ 1'	6.9	ND	ND	ND	ND
HA-6 @ 1'	6.6	ND	ND	ND	ND
HA-7 @ 1'	6.5	ND	ND	ND	ND
HA-8 @ 1'	6.7	ND	ND	ND	ND
HA-9 @ 1'	6.7	ND	ND	ND	ND
HA-10 @ 1'	7.3	ND	ND	ND	ND
WS-1	6.7	ND	ND	ND	ND

(1) - Organophosphorus Pesticides

(2) - Chlorinated Herbicides

(3) Total Petroleum Hydrocarbons for Gas and Diesel

ND - Not detected at or above the laboratory detection limit

Concentrations of nitrate (as N) in soil samples were found to range from "non-detect" to 132 mg/kg. Concentrations of nitrate (as N) in the water sample was reported at 43 milligrams per liter (mg/l). A summary of test results as well as criteria limits for the preliminary estimate of risk to human health (i.e., Preliminary Remedial Goals-PRG's). Test results are provided in Appendix D.

TABLE 3
SUMMARY OF CHEMICAL TEST RESULTS
NITRATE

SAMPLE LOCATION	NITRATE (as N) (mg/kg)	PRG ⁽¹⁾ (mg/l)
HA-1 @ 1'	109	NA ⁽²⁾
HA-2 @ 1'	ND	NA ⁽²⁾
HA-3 @ 1'	113	NA ⁽²⁾
HA-4 @ 1'	132	NA ⁽²⁾
HA-5 @ 1'	61	NA ⁽²⁾
HA-6 @ 1'	75	NA ⁽²⁾
HA-7 @ 1'	100	NA ⁽²⁾
HA-8 @ 1'	28	NA ⁽²⁾
HA-9 @ 1'	40	NA ⁽²⁾
HA-10 @ 1'	38	NA ⁽²⁾
WS-1	43 ⁽³⁾	10.0 ⁽³⁾

PRG ⁽¹⁾ - Preliminary Remedial Goals - Nitrate in Tap Water (Smucker, 2000)

NA ⁽²⁾ - Not applicable for soil

(3) milligrams per liter

ND - Not detected at or above the laboratory detection limit

Discussion of Laboratory Test Results

For comparison purposes, regulatory action levels for hazardous waste criteria (i.e., Total Limit Threshold Concentration) is 1.0 mg/kg for DDT_(Total). Detected concentrations of DDT_(Total) onsite were reported lower than the TTLC criteria. Based upon these results, no additional evaluation of agricultural chemical residues in earth materials onsite appears warranted, at this time, based on data available to date.

The Maximum Contaminant Level (MCL) relative to drinking water standards for nitrate (as N) concentrations is 10 mg/l. In addition, Regional Water Quality Control Board-San Diego Region numerical objectives for nitrate in inland surface waters is also 10 mg/l. This threshold was exceeded in the water sample. It does not appear that there are specific threshold criteria for nitrate in soil.

Where applicable, GSI has used existing regulatory data as a screening tool for the detected concentrations of pesticides and other contaminants within the property. Preliminary Remedial Goals (PRGs), which combine existing USEPA toxicity values with generally accepted exposure factors to estimate concentrations in residential soil that do not represent a cancer risk to humans greater than one-in-one million (i.e., 1×10^{-6}), are 1.7 mg/kg DDT_(Total). Concentrations of DDT_(Total) were found to be less than the criteria established as a potential risk to human health (Smucker, 2000). Based upon the laboratory test results, earth materials onsite do not appear to contain chemical residues of the constituents evaluated herein, that represent a risk to human health.

The PRG for nitrate is listed at 10.0 mg/l, based upon an infant non-cancer endpoint. Detected concentrations of nitrate in the water sample onsite were four times greater than the PRG criteria for tap water.

The regulatory action levels for hazardous waste criteria (Total Threshold Limit Concentration-TTLC), the Preliminary Remediation Goals (PRGs) for chemical residues (detected and non-detected onsite), and the chemical laboratory detection limits were compared. In summary, detection limits utilized by the testing laboratory were overall at least an order of magnitude (i.e., 10 times) below TTLC and PRG levels for all constituents. It appears, therefore, that detection limits utilized by the laboratory are suitable for agricultural-use chemicals.

CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon review of historical maps and photographs from 1928/1929 to 1994 (discontinuous coverage), owner interviews, and our recent site reconnaissance, the subject property appeared to have been developed for agricultural purposes from at least 1928 to approximately 1978. Photographs from 1928/1929 indicated no obvious signs of orchards within the subject property and/or vicinity. Various plots of cultivated fields were typically visible onsite, including the northern portion of Parcel B, with only a small plot of cultivated trees noted in the southeastern section of Parcel A, which appeared to be predominantly native. What appeared to be an unimproved, tree-lined road (Pala Mesa Heights Road?) was visible along the boundary between the two parcels. Buildings and/or small building clusters were observed within the northern and west central portions of the site. A relatively large earthen reservoir was visible near a small square-shaped structure (pump-house?) in the northeasterly portion of Parcel B. Except for dirt farm roads, there were no other readily visible improvements onsite during this period.

The current alignment of Old Highway 395 was constructed sometime between 1947 and 1953. Photographs from 1953 show orchards developed in the eastern portion of Parcel A and the northeastern portion of Parcel B, along with a second larger earthen reservoir noted in the northwestern area of Parcel B. A small structure was visible directly west of the second reservoir. A dirt road was noted along the western edge of this small structure, providing a northwest-southeast access through the subject property, intersecting two or three small clusters of farm support structures located further south. During this period, the road between the two parcels (currently Pala Mesa Heights Road) intersected Old Highway 395, providing access to at least two residences noted within the southern portion of Parcel A. The extent of cultivated land associated with the subject property extended west to Old Highway 395. By 1960, the majority of orchards had been removed from Parcel B. A small above ground tank (water?) was noted near the pump-house in the northeastern portion of Parcel B, with a second tank (water?) and water well observed near the northwest corner of Parcel B. In addition, wind machines were readily visible within the northern area of Parcel B, extending east into the orchards that remained in the west-facing slopes. Except for minor variations in the vegetation patterns, the subject property remained unchanged until the late 1970's, when the property appeared basically undeveloped, and when earthwork associated with the I-15 Freeway was observed along the western edge of the site. By the late 1980's, conditions within the subject property were similar to today. Photographs from 1989 noted what appeared to be non-cultivated trees established in the southern portion of Parcel B, including what appeared to be an improved drainage swale along the western edge of the site. At this time, the northern section of Parcel B appeared to be grasslands and the southern area appeared to be locally dense woodlands. Except for a small residence near the southern boundary, Parcel A appeared predominantly undeveloped. Pankey Road was improved south of Stewart Canyon Road to just south of Pala Mesa Heights Drive. A short section of Pankey Road was also observed north of Pala Road. Overall, there were no signs of unusual activities observed within the subject property.

- Based upon our recent site visits on December 10 and 11, 2001, access to the subject property is via a locked gate at the intersection of Pankey Road and Pala Mesa Heights Road. A parked travel bus and associated engine parts were noted behind the gate. Minor trash and debris, including dumped concrete wastes were observed on the north side of Pala Mesa Heights Road, near the bus. Except for an occupied residential trailer, parked vehicles, scattered debris, and a recently constructed water well near the boundary between the two parcels, relatively dense, uniform vegetation was found to cover the majority of Parcel A. One travelable dirt road was encountered in the southeastern area of Parcel A. There were remnants of structures in at least two areas along this dirt road. A small pile of waste lumber was encountered along the lower edge of the southwesterly sloping canyon. A concrete foundation, abandoned appliances, and utility lines were encountered

further up-gradient along the southern edge of the canyon.

Parcel B is currently utilized for livestock grazing. Dirt cattle trails were visible throughout the site, as well as a few dirt roads. Above ground wooden power poles dissected the property, including lines near an abandoned metal pump-house in the northeastern portion of the site. Rainbow Municipal Water District sewer manholes and easement road were observed along the northwestern edge of the site. Waste lumber and trash, remnants of a small structure, was observed in the northwestern corner of the site, directly southeast the cul-de-sac end of Pankey Road. There were no obvious signs of a water well previously reported in this area. A livestock pen and loading area was observed in the northeastern portion of the parcel. Storm drain pipes were found underlying dirt roads crossing canyons along the eastern boundary of the site. In one instance, there was water discharging from a small-diameter metal pipe into a flowing creek along the eastern edge of the site. In addition, there were old concrete foundations, piping remnants of a water well, and what appeared to be a level-graded building pad observed on a small knoll in the central portion of the site. What appeared to be a second level-graded building pad was observed near the east-central site boundary with the citrus orchards.

- Generally, there were no unusual conditions encountered within the subject property during our recent site visits. Of note, however, were goat skeletons scattered locally within the northeastern portion of Parcel B, including decomposed goats found within the abandoned pump-house. Two cattle carcasses were observed near the southeastern portion of the site. Discussions with the current property owner (Mr. Steve Rottman) indicated that the goats were killed by coyotes, and he was unaware of the recently deceased cattle.
- Debris was observed within the canyon situated north of the existing residence in Parcel A. Localized areas of trash and debris, including remnants of the previous structures within Parcel A, appeared to be dumped into this canyon. Steep natural slopes and dense vegetation hindered direct access and visual observation of the dumped materials, which consisted of (but were not limited to) waste lumber, household trash, metal/plastic debris and abandoned appliances, dumped furniture, and a plastic 55-gallon drum.

Overall, minor amounts of non-hazardous trash and debris were observed locally within Parcel B, especially along perimeter dirt roads and adjacent to paved access roads. Rubber tires found locally within grazing areas appeared to be utilized as "salt-lick" containers. Generally, trash and debris consisted predominantly of waste concrete fragments, household trash (i.e., glass, plastic, paper), waste lumber, landscape wastes, waste oil filters, rubber tires, metal fragments, and abandoned appliances. Except for small areas (i.e., less than ± 10 square feet combined) of minor surficial staining near engine parts associated with the parked travel bus, there did not appear to be obvious surficial evidence of significant hazardous

materials/waste and/or petroleum contamination on the subject site.

- As a part of the assessment, GSI interviewed (by phone) the current property owner (Mr. Steve Rottman) and the previous owner (Mr. Bill Pankey). Mr. Pankey stated that his family purchased farmland in the immediate area, including the subject property, in 1946. During that period, agricultural development onsite consisted on crops and orchards. Mr. Pankey noted that there were two water wells onsite. To the best of his knowledge, there were no underground fuel storage tanks within the current property boundary. He continued by noting that there may have been other wells onsite. Pesticide application to the offsite orchards were permitted through the County Department of Health. Mr. Pankey discussed that the wind machines previously utilized within the orchards onsite were gasoline-powered, with fuel tanks within the metal tower legs. There were no underground tanks associated with the wind machines. He concluded by saying, that except for a "meth lab" that "blew-up" on the subject property, he was unaware of any environmental issues associated with the subject property.
- Mr. Rottman stated that he had purchased the subject property from Hewlett Packard in 1997, and was owner of the livestock within the property, including two ostriches. During that period, he was unaware of any above ground or underground storage tanks located within the subject property, as well as hazardous wastes/restricted chemicals stored and/or used within the subject property. He indicated that there were two old water wells onsite, and a recent well associated with the residence on Parcel A. Mr. Rottman stated he was unaware of any environmental issues associated with the subject property. Mr. Rottman noted that the goats were killed by coyotes, and he was unaware of the dead cattle. No additional information was provided.
- Due to the overall acreage and linear dimension of the subject property, GSI conducted two separate agency database searches for the subject property. The agency database comprising Parcel A (Appendix A) indicated there are 21 water wells (including one onsite) and eight mapped risk sites listed within a 2-mile radius of the south central portion of Parcel A, including a site designated as Hewlett Packard (North Highway 395). Limited information provided in the database indicated that a 500 gallon tank was "closed by removal." No additional information was provided. It should be noted, that there were no dual listings found in other electronic databases reviewed that noted an active case and/or contamination associated with this site. In addition, there were two sites listed in the State Leaking Underground Storage Tank database, located at least 2/5-mile northwest of the subject property. The status of the two listings are reported as a "non-tank" case type and "case closed" by removal related to gasoline contamination of soil only. Overall, the remaining risk sites are reported in the State Water Resources Control Board permitted tank database, or in the County of San Diego Environmental Health Services HE 17 database. There were, however, no dual listings found in other electronic databases reviewed that noted an active case and/or contamination

associated with these sites; therefore, these listings are not anticipated to represent a potential environmental concern to the subject property.

The agency database for Parcel B (Appendix C) indicated there are 39 water wells and 11 mapped risk sites listed within a 2-mile radius of the south central portion of Parcel B. There were no listings of water wells within the site. One on the mapped risk sites was the Pankey Ranch (5328 Highway 76). The Pankey farm listing, reported on the County of San Diego Environmental Health Services HE 17 database, is related to an above ground diesel tank and an above ground propane tank. There were, however, no dual listings found in other electronic databases reviewed that noted an active case and/or contamination associated with the Pankey site. Overall, the remaining risk sites are reported in the State Water Resources Control Board permitted tank database, or in the County of San Diego Environmental Health Services HE 17 database, where no dual listings found in other electronic databases reviewed that noted an active case and/or contamination. These listings, are not anticipated to represent a potential environmental concern to the subject property, based upon the information provided to date.

- As a result of the aforementioned database listing of Pankey Ranch, as well as an unmapped site listing referred to as Rancho Viejo/Parcel 1 Monserate Rancho, GSI reviewed specifically related files at the County of San Diego Department of Environmental Health. Based upon our review, the Rancho Viejo/Parcel 1 Monserate Rancho files were associated with cleanup of an old landfill and oil contamination on land situated south of Parcel B, on Shearer Crossing. Based upon this site located at a down groundwater gradient from the subject property, previously reported contamination associated with this site is not anticipated to represent a potential environmental concern to the subject property.

The Pankey files indicated that permits to operate underground storage tanks were in effect in 1986, and assigned exempt status due to their farm usage in 1987. Compliance inspection reports by the County in 1992 noted that all underground storage tanks were reportedly removed from the site. A 1993 Compliance inspection report indicated that the seven, previously exempt tanks were removed from the site. Wastes remaining consisted of drums containing waste oil and waste oil filters. Compliance inspection reports by the County in 1999 and 2001 described inventories of hazardous wastes, such as waste oil filters, waste oil, and mixed oil. There were no significant violations reported.

- Based upon review of our agency database/records search (Appendix C), there does not appear to be a documented and/or reported commercial or industrial facility listed within the study radius of the site which represents a significant potential source of contamination which would adversely affect the site. Agency records found no active listings, records, or files on the use, storage, or disposal of hazardous waste or petroleum products on the site. The search of selected federal, state and local government databases conducted as a part of this assessment

provides a detailed list of regulatory agency files/records regarding properties with existing and/or potential environmental issues. Typically, sites that do not appear on the databases either do not have existing and/or potential environmental issues, or there are no reasonably ascertainable records/files of existing and/or potential environmental issues. It does not appear unreasonable to conclude that interviewing regulatory agency personnel would generate substantial data regarding environmental issues that may have been associated with historical operations within the property, if such data negatively impacted the property.

- Based upon our recent site visit, there were visible signs of one active water well on Parcel A and two abandoned water well on Parcel B. Public use water wells (i.e., Federal Drinking Water Sources), as reported in a March 1998 United States Geological Survey database, reported a total of 61 water wells within the study radius. Limited information provided in the database indicated that the domestic use well on Parcel A was drilled to a depth of 150 feet, with a static water level reported at 42 feet. Water depths reported in other wells in the site area ranged from 4 feet to 57 feet. Based upon topographic expressions, the local groundwater gradient in the site vicinity is estimated to be south to southeasterly, toward the San Luis Rey River. "Perched" groundwater, where relatively impermeable sediments underlie relatively permeable sediments filled with water may be encountered at shallow depths onsite, and may be anticipated, especially during the rainy season, or as a result of heavy irrigation.
- Generally, there were no adverse uses visually observed on properties surrounding the subject site that are, or may be contributing significant amounts of hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures for handling, storage and disposal of petroleum products are followed.
- To preliminarily evaluate the potential for restricted agricultural chemical residues, surficial soil samples were collected from depths of ± 1 foot within the subject property (Appendix D). Sampling of earth materials within Parcel B, consisted of a total of ten (10) samples collected from select locations, based upon topography and previous agricultural activity. One water sample was collected from an outfall pipe into an onsite creek. All samples collected were tested discretely for Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, Total Organic Lead, Total Petroleum Hydrocarbons (gas and diesel), pH, and nitrate.
- Except for DDT, DDD and DDE (i.e., $DDT_{(Total)}$) no constituents of Chlorinated Pesticides were reported above the laboratory detection limits (i.e., non-detect). Concentrations of $DDT_{(Total)}$ (0.0024 milligram per kilogram-mg/kg to 0.894 mg/kg) were detected in six (6) soil samples. There were no analytes detected in the water sample. There were no constituents detected above the laboratory detection limits for the suite of tests consisting of Organophosphorous Pesticides, Chlorinated

Herbicides, Total Organic Lead, and Total Petroleum Hydrocarbons (gas and diesel). Test results for pH indicated the soils and water were slightly acidic to slightly basic (pH of 6.5 to 8.0). Concentrations of nitrate (as N) in soil samples were found to range from "non-detect" to 132 mg/kg. Concentrations of nitrate (as N) in the water sample was reported at 43 milligrams per liter (mg/l).

- For comparison purposes, regulatory action levels for hazardous waste criteria (i.e., Total Limit Threshold Concentration) is 1.0 mg/kg for DDT_(Total). Based upon these results, no additional evaluation of agricultural chemical residues in earth materials onsite appears warranted, at this time.
- The Maximum Contaminant Level (MCL) for drinking water for nitrate (as N) concentrations is 10 mg/l. In addition, Regional Water Quality Control Board-San Diego Region numerical objectives for nitrate in inland surface waters is also 10 mg/l. These thresholds were exceeded in the water sample. It does not appear that there are specific threshold criteria for nitrate in soil.

Where applicable, GSI has used existing regulatory data as a screening tool for the detected concentrations of pesticides and other contaminants within the property. Preliminary Remedial Goals (PRGs), which combine existing USEPA toxicity values with generally accepted exposure factors to estimate concentrations in residential soil that do not represent a cancer risk to humans greater than one-in-one million (i.e., 1×10^{-6}), are 1.7 to 2.4 mg/kg DDT_(Total). Concentrations of DDT_(Total) were found to be less than the criteria established as a potential risk to human health (Smucker, 2000). Based upon the laboratory test results, earth materials onsite do not appear to contain chemical residues of the constituents evaluated herein, that represent a risk to human health.

- The PRG for nitrate is listed at 10.0 mg/l, based upon an infant non-cancer endpoint. Detected concentrations of nitrate in the water sample onsite were four times greater than the PRG criteria for tap water.

Recommendations

Based upon the scope of work completed, GSI concludes that the overall potential for significant hazardous materials/waste and/or petroleum contamination onsite is low and one recognized environmental condition was identified; however, the uncertainty of other potential environmental concerns can not be totally eliminated. Based upon the information obtained during the course of the assessment, GSI presents the following recommendations:

- Based upon laboratory test results of the water sample collected onsite, concentrations of nitrate exceed the MCL for drinking water and the water quality objectives for surface water. As a result, water discharged onto the property may be

considered a recognized environmental condition; however, due to the current land use as cattle grazing, this condition does not appear to be a significant issue at this time. Considering the apparent offsite source of water (from the east), the most prudent method of mitigation would be to eliminate the discharge source.

- Due to the inoperative state of two wells within Parcel B, groundwater sample(s) collected down gradient from the previous agricultural activities onsite were not available. Dependant upon the level of assurance required by the Client and/or financial institution, testing of groundwater within Parcel B may be considered; however, pump maintenance and a temporary power source would be required. As an option, a temporary monitoring well may be installed near the southern portion of the property.
- Field observations and agency records/files indicate that there are at least three water wells onsite. Recent field observations indicate that the two wells observed on Parcel B are not in operation. Wells on Parcel B will require proper abandonment, following State of California guidelines. Guidelines dictate that a state registered water well contractor shall abandon water wells. GSI can coordinate these services upon request.
- Based upon information provided by one of the previous property owners (Mr. Pankey) as well as upon historical map information (Figure 1), there may have been two other wells within the subject property. An effort should be made during site development to identify near-surface conditions related to the water well that was reported in the northwestern corner of Parcel B, and one well that previously served the residence on Parcel A. It should be noted, that Mr. Pankey suggested that the well historically noted in the northwest corner of Parcel B, may have been within the area improved by the I-15 corridor. If there are no current records found regarding well abandonment, any well encountered onsite during grading will require proper abandonment. The Client should also be aware that state well abandonment procedures have been revised in the last ± 10 years.
- If the groundwater pumped from the onsite well in Parcel A continues to be utilized by tenant on the subject site, under the ownership of the Client, consideration should be given to evaluating recent records of water tests relative to potable water quality.
- Owing to the site's historic agricultural use, it is possible that buried/concealed/hidden tanks and agricultural by-products, both below and above ground may have existed or exist, and may not be apparent at the time of our site visit. Accordingly, this should be considered during project feasibility planning and construction. During grading, removals should be monitored by a competent environmental professional, which would provide recommendations for characterization of potential contaminants encountered (if any). Recommendations may include (but not limited to) soil sampling and chemical laboratory testing, and

subsequent mitigation/treatment of near-surface soils.

- Based upon the historical presence of farm-support type structures on or directly adjacent to the subject property, there is a possibility that onsite sewage disposal systems (i.e., septic tank[s], seepage pits, and/or leach lines, etc.) are present on the property. Although not considered a hazardous waste, any buried septic systems should be properly removed or abandoned following health department guidelines.
- Due to the long-term agricultural use of the subject property, there is a potential that abandoned irrigation lines or removed structures may contain asbestos materials. If encountered, buried concrete lines should be evaluated by an experienced asbestos consultant prior to removal. Care should be taken during removal to limit the amount of breakage and/or crushing of the piping.
- GSI recommends that field observations be completed during future grading of the subject property by an experienced environmental professional. Considering the age of the agricultural operations, as well as the reported use of gasoline powered wind machines, evaluation of buried trash/debris encountered during demolition and grading should include petroleum residues encountered in earth materials onsite (if any). There were no surface indications, however, of significant petroleum residues visible within the subject property.
- All trash and debris within the property should be disposed of offsite, in accordance with current local, state and federal disposal regulations. Any buried trash/debris encountered should be evaluated by an experienced environmental consultant prior to removal.
- Based upon the information collected by GSI during this Phase I Environmental Site Assessment, further studies or action, other than the above, are not proposed from an environmental viewpoint, at this time.

LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information, and/or information supplied by Client. Findings of this investigation based on data provided by others carries no warranty, expressed or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context.

APPENDIX A
REFERENCES

APPENDIX A

REFERENCES

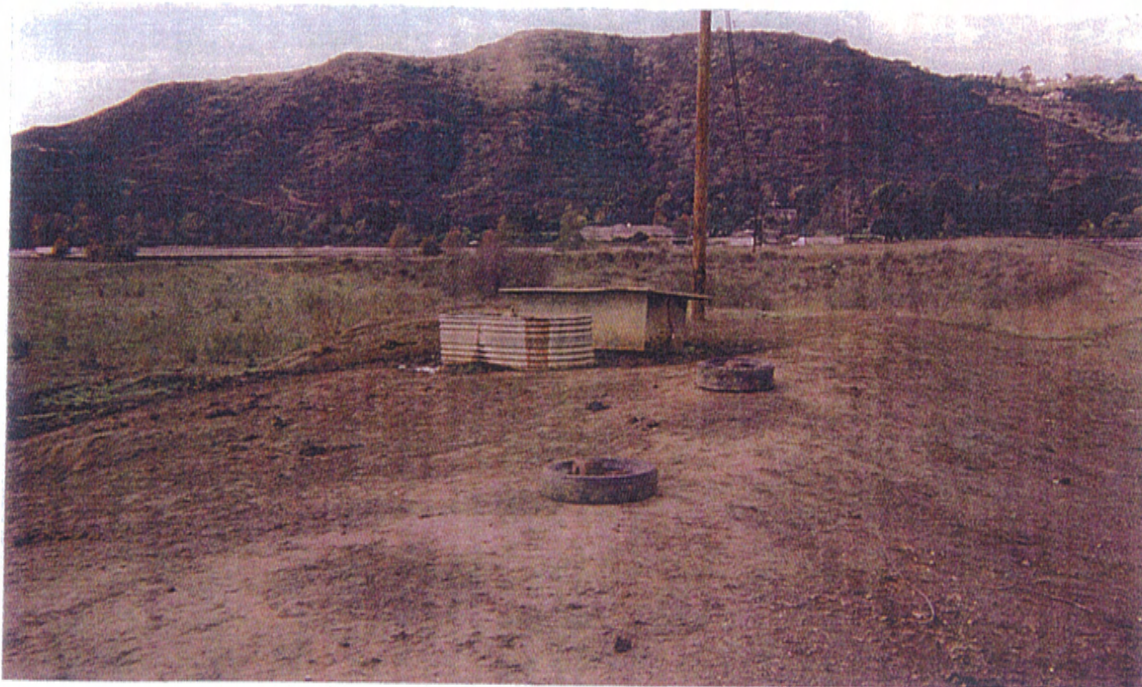
- California Division of Mines and Geology, 1989, Mineral Land classification of the Pankey Ranch Site, Bonsall Quadrangle, San Diego County, California-for Aggregate Materials, DMG Open-File Report 89-15, compiled by John P. Clinkenbeard.
- _____, 1984, Preliminary Geologic Map of the California-Baja California Border Region, DMG Open-File Report 84-59 LA, compiled by J.E. Kahle, P.A. Bodin, and G.J. Morgan.
- _____, 1962, Geologic Map of California, San Diego-El Centro Sheet, 1:250,000 scale.
- California Regional Water Quality Control Board, San Diego Region, 1994, Water quality control plan, San Diego Basin (9), dated September 8 (Approved 1995).
- Hart, E.W., and Bryant, W.A., 1997, Fault-rupture hazard zones in California: California Department of Conservation, Division of Mines and Geology, Special Publication 42.
- Jennings, C.W., 1994, Preliminary fault activity map of California and vicinity with locations and ages of volcanic eruptions, scale 1:750,000, CDMG map series, Map No. 6.
- Munger map book, 1999, California and Alaska oil, Gas, Wildcat and Geothermal field, dated June.
- Nagda, Niren L., 1994, Radon: prevalence, measurements, health risks and control, ASTM manual series: MNL 15, ASTM publication code number (PCN) 28-015094-17.
- Smucker, Stanford J., United States Environmental Protection Agency (USEPA), Region IX, Region 9 Preliminary Remediation Goals (PRGs) Table 2000 Update, November 1.
- State of California - Department of Health Services, 1990, California Statewide Radon Survey Results, p. 9.
- State of California, 1967, Department of Water Resources, Bulletin 106-2, Groundwater occurrence and quality: San Diego Region, vol. II: plates, dated June.

APPENDIX B

SITE PHOTOGRAPHS



1. Typical property conditions within northern portion of Parcel B. Note, cul-de-sac end of Pankey Road visible in right background. View is to the west, towards I-15 Freeway visible in background.



2. Cattle watering trough, rubber tires with "salt licks" and wooden power poles existing near north central portion of Parcel B. Note small earthen reservoir behind power pole. View is to the west, toward I-15 Freeway and Pala Mesa Resort.



SITE PHOTOGRAPHS

Plate B-1

DATE 12-10,11-01

W.O. NO. E3176-SC

Geotechnical • Geologic • Environmental



3. Abandoned water well and concrete foundation encountered within west central portion of Parcel B. Metal pipe behind cellar delineates location of water/irrigation lines from well. View is to the north.



4. Rainbow Municipal Water District easement with sewer manholes and access road along west edge of Parcel B. Fence in left photo delineates I-15 easement. View is to the north.



SITE PHOTOGRAPHS

Plate B-2

DATE 12-10-11-01

W.O. NO. E3176-SC

Geotechnical • Geologic • Environmental



5. Abandon water well pump-house located in northeasterly section of Parcel B. Background conditions are typical for grazing areas of property. Hills in left background are a part of Parcel A. Hills in right background are not a part of subject property. View is to the northeast.



6. Surface water encountered in creek along east central portion of Parcel B. Note water flow from small pipe in creek to the right of fence corner. Citrus orchard in right photo is offsite. View is to the east.



SITE PHOTOGRAPHS

Plate B-3

DATE 12-10,11-01

W.O. NO. E3176-SC

Geotechnical • Geologic • Environmental



7. Typical property conditions observed within Parcel A. Noted residential trailer in left background, with white above ground tank associated with water well situated to the right of structure. Note wooden power poles in canyon in right photo. View is to the southwest, with I-15 Freeway in background.



8. Concrete foundations and stemwalls encountered on ridge in southeastern section of Parcel A. View is to the west.



SITE PHOTOGRAPHS

Plate B-4

DATE 12-10,11-01

W.O. NO. E3176-SC

Geotechnical • Geologic • Environmental

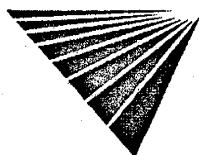
APPENDIX C

AGENCY RECORDS SEARCH

SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: W.O. E3176-SC HEWLETT PACKARD - NORTH I-15 & HWY 76 PALA MESA, CA 92028 Latitude/Longitude: (33.358300, 117.154900)	MR. BRUCE TABB ENVIRONMENTAL DEVELOPMENT, LTD 402 W. BROADWAY, ST. 2175 SAN DIEGO, CA 92101

Site Distribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency / Database - Type of Records				
A) Databases searched to 1 mile:				
US EPA NPL National Priority List	0	0	0	0
US EPA CORRACTS RCRA Corrective Actions (w/o TSD)	0	0	0	0
US EPA TSD RCRA Corrective Actions and associated TSD	0	0	0	0
STATE SPL State equivalent priority list	0	0	0	0
B) Databases searched to 1/2 mile:				
STATE SCL State equivalent CERCLIS list	0	0	0	-
US EPA CERCLIS / NFRAP Sites currently or formerly under review by US EPA	0	0	0	-
US EPA TSD RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE REG LUST CO Leaking Underground Storage Tanks	0	0	2	-
STATE/ REG/CO SWLF Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
STATE DEED RSTR Sites with deed restrictions	0	0	0	-
STATE CORTESE State index of properties with hazardous waste	0	0	0	-
STATE TOXIC PITS Toxic Pits cleanup facilities	0	0	0	-
USGS/STAT WATER WELLS Federal and State Drinking Water Sources	11	4	6	-
C) Databases searched to 1/4 mile:				
US EPA RCRA Viol RCRA violations/enforcement actions	0	0	-	-
US EPA TRIS Toxic Release Inventory database	0	0	-	-
STATE UST/AST Registered underground or aboveground storage tanks	3	0	-	-



For more information call VISTAinfo at 1 - 800 - 767 - 0403.
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Version 2.7

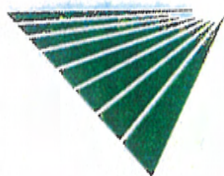
Date of Report: November 30, 2001
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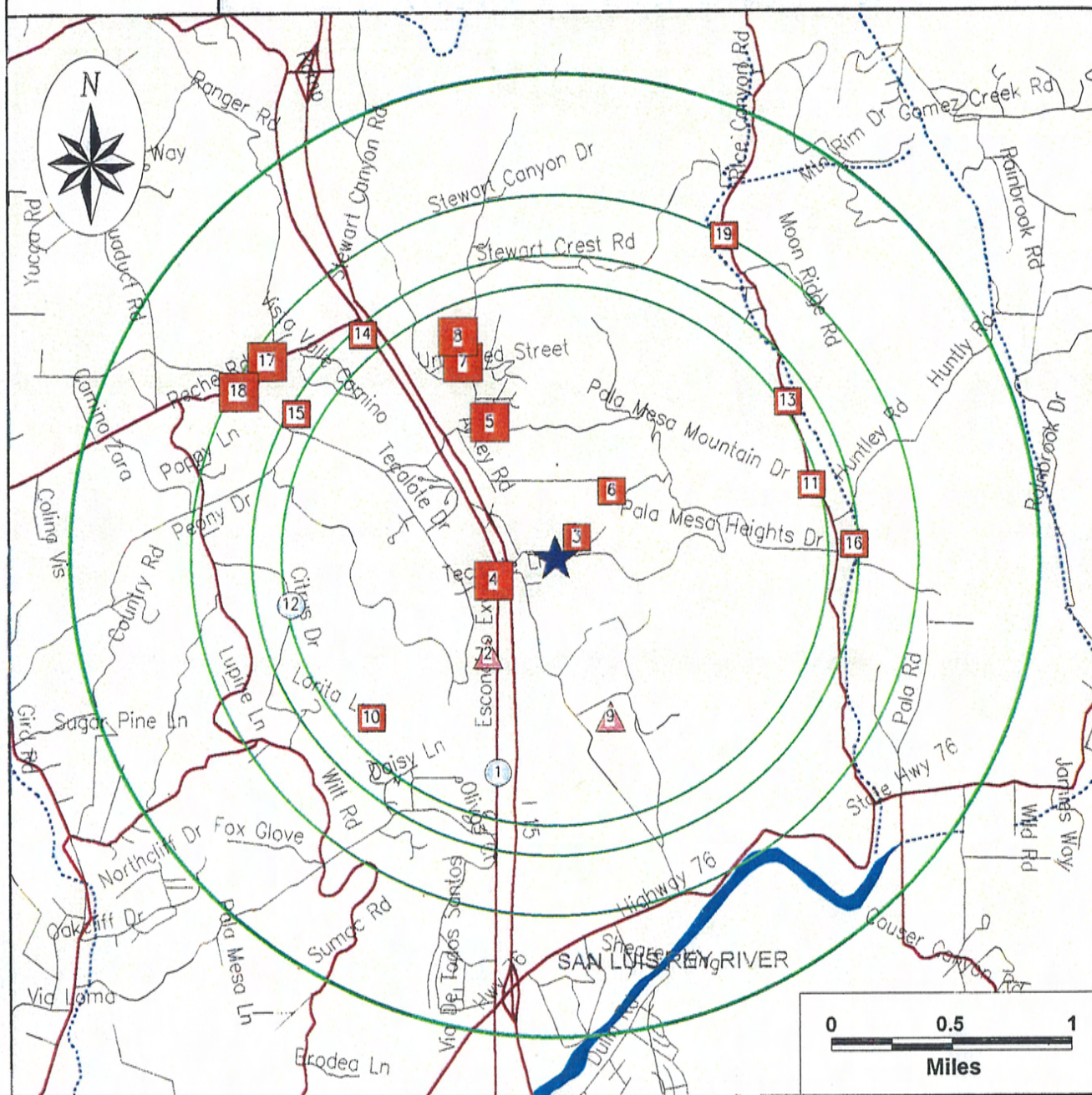
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Version 2.7















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SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

Map of Sites within One Mile

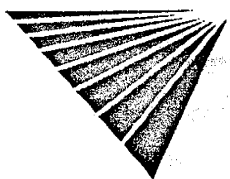


Subject Site 	Category: Databases Searched to: Single Sites Multiple Sites	A 1 mi.  	B 1/2 mi.  	C 1/4 mi.  	D 1/8 mi.  
 Highways and Major Roads  Roads  Railroads  Rivers or Water Bodies  Utilities	NPL, SPL, CORRACTS (TSD)	CERCLIS/ NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS	If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

For More Information Call VISTAinfo at 1 - 800 - 767 - 0403
Report ID: 011112001

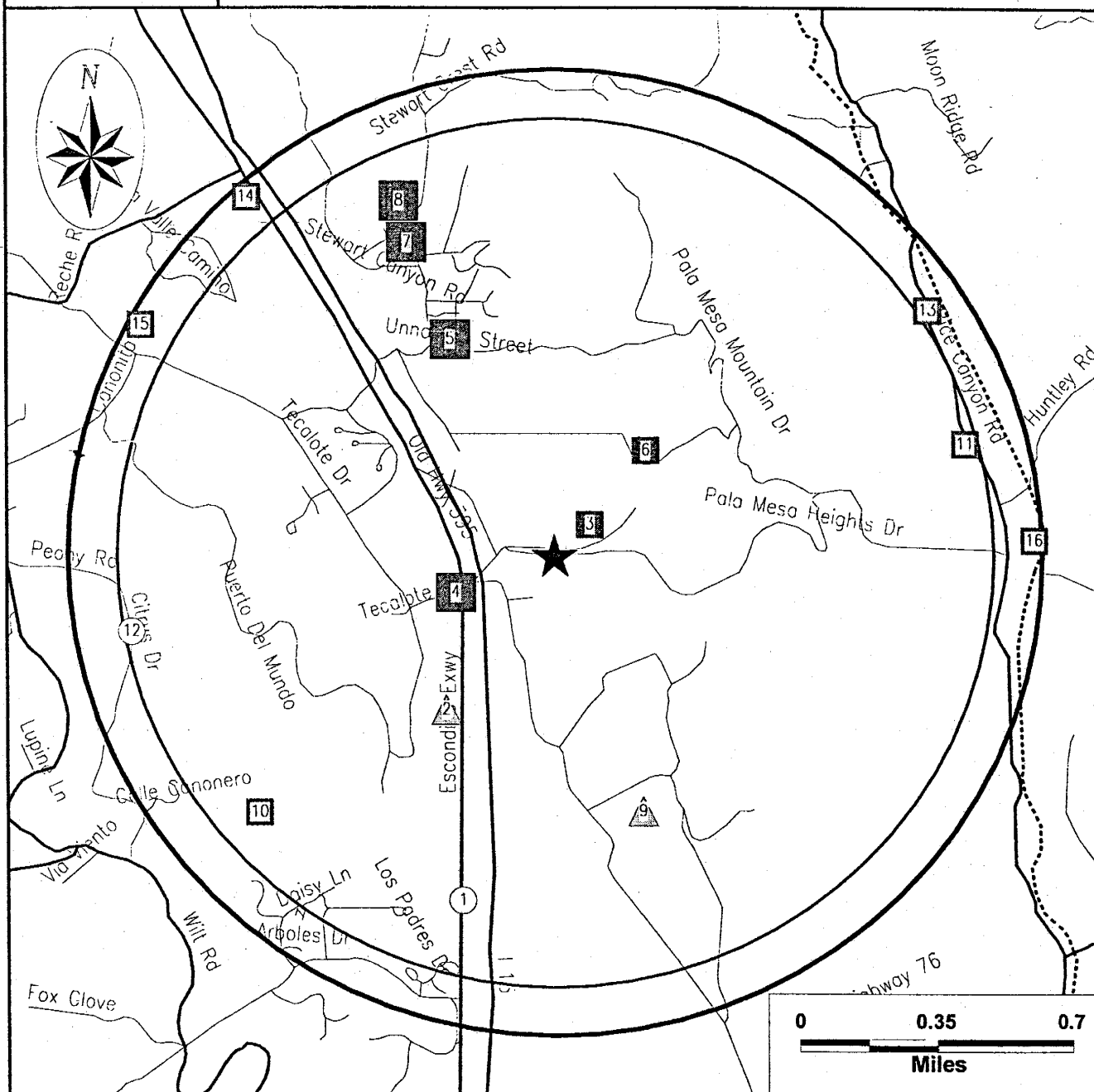
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SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

Map of Sites within Quarter Mile



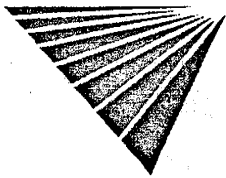
Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	▲	○
	Multiple Sites	◆	■	▲	○
		NPL, SPL, CORRACTS (TSD)	CERCLIS/ NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS
		If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.			
	Highways and Major Roads				
	Roads				
	Railroads				
	Rivers or Water Bodies				
	Utilities				

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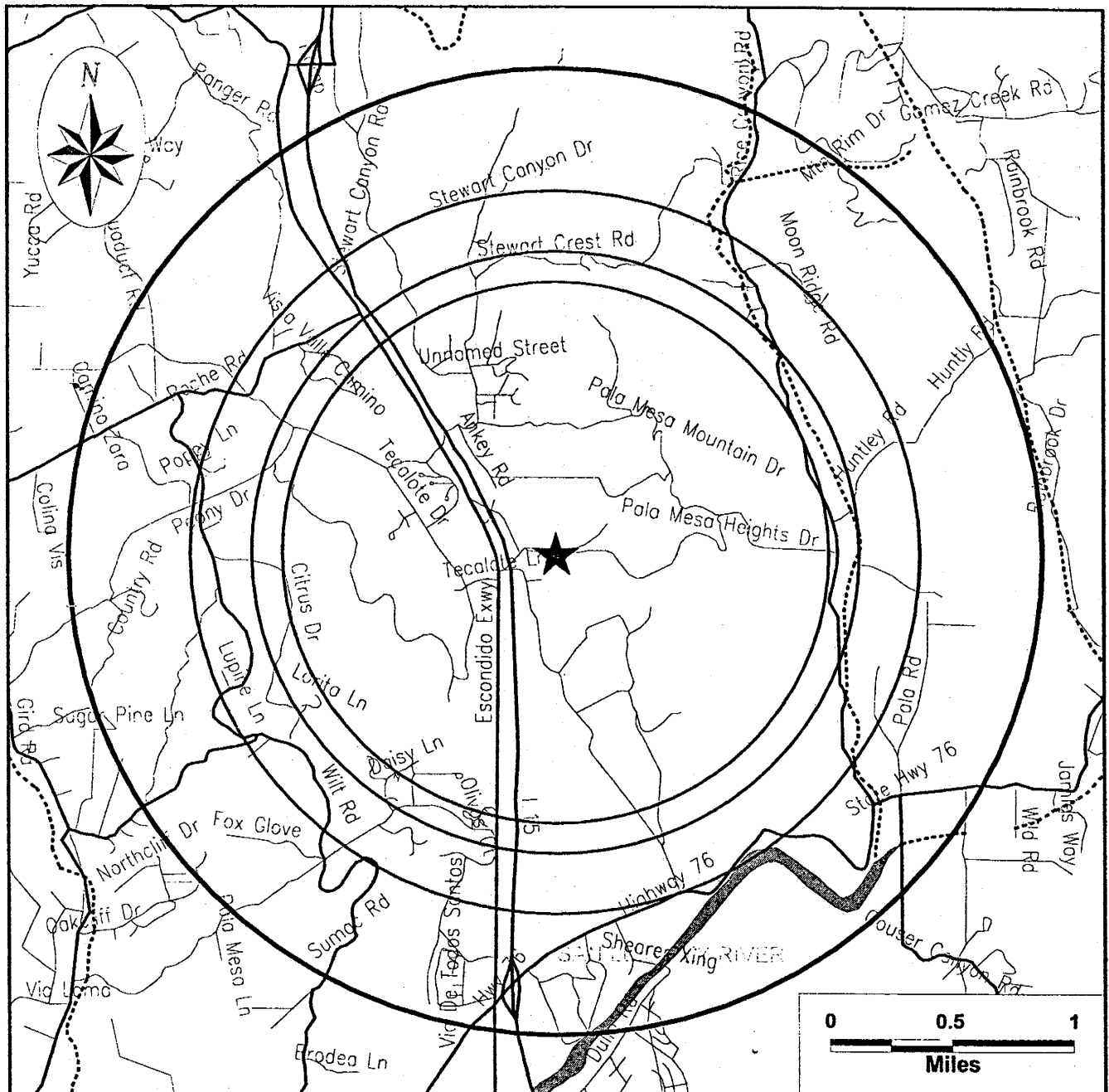
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SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

Street Map



Subject Site

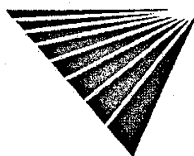


Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities

SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
1	DORFMAN CONSTRUCTION CO INC 3707 HY 395 FALLBROOK, CA 92028	3494260 0.00 MI NA																				X
2	PALA MESA RESORT 2001 S HIGHWAY 395 FALLBROOK, CA 92028	4040955 0.00 MI NA															X					
3	USGS REPORTED WATER WELL , CA 0	8844639 0.00 MI NA												X								
4	USGS REPORTED WATER WELL , CA 0	8844619 0.00 MI NA												X								
4	PALA MESA RESORT 2001 S HY 395 FALLBROOK, CA 92028	13509967 0.00 MI NA															X					
5	USGS REPORTED WATER WELL , CA 0	8844721 0.00 MI NA												X								
5	USGS REPORTED WATER WELL , CA 0	8844722 0.00 MI NA												X								
5	USGS REPORTED WATER WELL , CA 0	8844733 0.00 MI NA												X								
6	USGS REPORTED WATER WELL , CA 0	8844663 0.00 MI NA												X								
7	SUPER FOUR 350 STEWART CANYON RD FALLBROOK, CA 92028	5605222 0.00 MI NA																				X
7	USGS REPORTED WATER WELL , CA 0	8844767 0.00 MI NA												X								



X = search criteria; • = tag-along (beyond search criteria).

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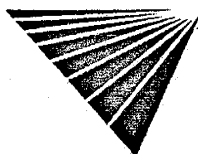
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MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B							C			D					
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
8	USGS REPORTED WATER WELL , CA 0	8844777 0.00 MI NA													X							
8	USGS REPORTED WATER WELL , CA 0	8844776 <0.01 MI NW													X							
9	HEWLETT PACKARD N HIGHWAY 395 FALLBROOK, CA 92028	4823236 0.00 MI NA															X					
10	USGS REPORTED WATER WELL , CA 0	8844551 0.01 MI SW													X							
11	USGS REPORTED WATER WELL , CA 0	8844669 0.09 MI E													X							
12	RAINBOW MWD 9803 HUNTLEY RD FALLBROOK, CA 92028	65159983 0.11 MI W																				X

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
13	USGS REPORTED WATER WELL , CA 0	8844740 0.15 MI NE												X								
14	USGS REPORTED WATER WELL , CA 0	8844778 0.22 MI NW												X								
15	USGS REPORTED WATER WELL , CA 0	8844734 0.22 MI NW												X								
16	USGS REPORTED WATER WELL , CA 0	8844635 0.23 MI E												X								



X = search criteria; • = tag-along (beyond search criteria).

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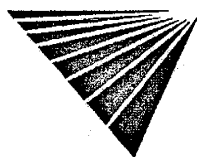
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A				B							C			D					
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
17	USGS REPORTED WATER WELL , CA 0	8844769 0.40 MI NW													X							
17	MAY ENTERPRISES 3840 RECHE RD FALLBROOK, CA 92028	5297682 0.42 MI NW									X						•				•	
17	USGS REPORTED WATER WELL , CA 0	8844761 0.45 MI NW													X							
17	USGS REPORTED WATER WELL , CA 0	8844770 0.49 MI NW													X							
18	USGS REPORTED WATER WELL , CA 0	8844749 0.46 MI NW													X							
18	MAY ENTERPRIZES 3582 VIA ZARA FALLBROOK, CA 92028	4990649 0.48 MI NW									X											
18	USGS REPORTED WATER WELL , CA 0	8844744 0.48 MI NW													X							
19	USGS REPORTED WATER WELL , CA 0	8844838 0.50 MI NE													X							

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	A				B								C		D					
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
No Records Found																						



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UNMAPPED SITES	VISTA ID	A				B								C			D				
		NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
WEST PACK AVOCODO 301 EALVARADO ST FALLBROOK, CA 92028	67226544								X								•				•
FALLBROOK PRECISION AUTOMOTIVE 418 WAVIATION RD FALLBROOK, CA 92028	67226466								X								•				•
RICH'S AUTO-TRUCK 607 SMAIN ST FALLBROOK, CA 92028	67226525								X								•				•
GREG CLARK CHEVRON 1285 SMISSION RD FALLBROOK, CA 92028	67226384								X								•				•
DEL REY AVOCADO CO 1260 SMAIN AV FALLBROOK, CA 92028	67226369								X								•				•
BORJA IMPORT CAR SERVICE 202 WCOLLEGE ST FALLBROOK, CA 92028	67226311								X								•				•
SOUTHERN CALIFORNIA SMOG 1557 SMISSION RD FALLBROOK, CA 92028	67226307								X								•				•
RAINBOW OAKS 4815 E05TH ST FALLBROOK, CA 92028	67226132								X								•				•
FALLBROOK LANDFILL 800 BLOOCK OF ALTURAS ST FALLBROOK, CA 0	67139416									X											
7-ELEVEN FOOD STORE #21800 631 SMAIN ST FALLBROOK, CA 92028	67226051								X								•				•
PRO-TIRE AND AUTOMOTIVE 128 EMISSION RD FALLBROOK, CA 92028	67226231								X								•				•
PUBLIC UTILITY DISTRICT 1425 SALTURAS RD FALLBROOK, CA 92028	67225863								X								•				•
CIRCLE K#777 1005 NMISSION RD FALLBROOK, CA 92028	67226054								X								•				•
FALLBROOK PUBLIC UTILITY DIST 990 EMISSION RD FALLBROOK, CA 92028	67226220								X								•				•



X = search criteria; • = tag-along (beyond search criteria).

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Report ID: 011112001

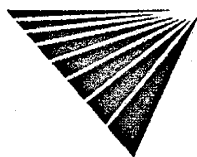
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UNMAPPED SITES	VISTA ID	A				B								C			D				
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FALLBROOK UNION H S DISTRICT 2400 SSTAGE COACH LN FALLBROOK, CA 92028	67225890								X								•				•
FALLBROOK SHELL STATION 1205 SMAIN ST FALLBROOK, CA 92028	67225895								X								•				•
MAHRS TEXACO 312 SMAIN AV FALLBROOK, CA 92028	67226164								X								•				•
FALLBROOK AUTO PARTS INC 764 EMISSION RD FALLBROOK, CA 92028	67226077								X								•				•
MAIN STREET GAS 1202 SMAIN ST FALLBROOK, CA 92028	67226108								X								•				•
PETER'S AUTO CENTER 215 SMAIN ST FALLBROOK, CA 92028	67226089								X								•				•
EAST BROS GROVE SERVICE 112 EAVIATION RD FALLBROOK, CA 92028	67226058								X								•				•
EZ SERVE STN #100883 1535 SMISSION RD FALLBROOK, CA 92028	67226056								X								•				•
EXXON MOBIL OIL CORP 4730 HY 76 FALLBROOK, CA 92028	67226049								X								•				•
PALA DRUG LAB PALA, CA 92059	503203474						X														
MISSION INDIAN SANIT LANDFILL P.O. BOX 43 PALA, CA 92059	4823239									X											
PALA SITE 6.5 MI E OF HWY 15 PALA, CA 92059	65998185																X				
PALA INDIAN RESERVATION HIGHWAY 76 NEAR LILAC ROAD PALA, CA 92059	12667324						X														



X = search criteria; • = tag-along (beyond search criteria).

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SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

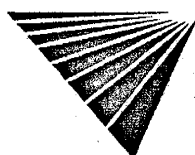
DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	DORFMAN CONSTRUCTION CO INC 3707 HY 395 FALLBROOK, CA 92028	VISTA ID#:	3494260
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
		Agency ID:	H29158
HE-17 / SRC# 132			
Agency Address:	SAME AS ABOVE		
Permit No:	H29158		
Name:	DORFMAN CONSTRUCTION CO INC		
Address:	3707 HY 395 FALLBROOK, CA 92028-9780		
Waste Item No:	W001		
Waste:	WASTE OIL MIXED OIL (CODE221.00)		
Quantity Present at Inspection:	110.00 GAL		
Annual Quantity:	110.00 GAL		
Treatment Method:	RECYCLE		
Storage Method:	METAL DRUMS,55 GALLONS		
Hazardous Waste Hauler:	AZTEC OIL		
Waste Description:	WASTE OIL		
Inactive Indicator:	1		
Permit Exp Date:	0731		
Phone:	() -		
Owner Name:	DORFMAN CONSTRUCTION CO INC		
Establishment Address:	5525 OAKDALE AV BLDG/STE:#150 WOODLAND HILLS CA 91364 2614 NORTH COUNTY FPD 18803		
Fire Dept Dist Name:	NORTH COUNTY FPD		
Census Tract No:	18803		
Inspection Date:	05/04/1989 0:00:00		
Reinspection Date:	MAY 1990		
Inspector Name:	GALLAGHER		
Fields Not Reported by the Source Agency for this Site:	Business Code Desc(1), SIC(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Contact(1), Owner Name(1), Owner Address(1), Tank Owner Name(1), Tank Owner Address(1)		

Map ID

1



* VISTA address includes enhanced city and ZIP.

For more information call VISTAINfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	PALA MESA RESORT 2001 S HIGHWAY 395 FALLBROOK, CA 92028	VISTA ID#:	4040955
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point

Map ID

2

STATE UST - State Underground Storage Tank / SRC# 45	EPA/Agency ID:	N/A
---	----------------	-----

Agency Address:	SAME AS ABOVE
Facility Name:	PALA MESA RESORT
Facility Address:	2001 S HIGHWAY 395 FALLBROOK, CA 92028
Facility County:	37000
Total Underground Tanks:	3
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	1
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	550 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
Tank ID #:	T001U
Tank Contents:	LEADED GAS
Tank Age:	0
Tank Capacity:	2000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	1000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS

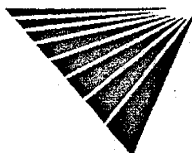
VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844639
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point

Map ID

3

USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A
---	----------------	-----

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332134117091201
Well Use Type:	DOMESTIC
Well Depth:	150.0
Well Latitude:	33.359444444444



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Well Longitude:	-117.1533333333
Static Water Level:	42.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844619
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

Map ID

4

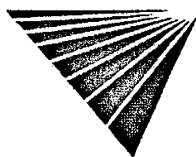
Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332127117093201
Well Use Type:	UNUSED
Well Depth:	115.0
Well Latitude:	33.3575
Well Longitude:	-117.1588888888
Static Water Level:	38.00
Date Well Drilled:	01/01/1951
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	PALA MESA RESORT 2001 S HY 395 FALLBROOK, CA 92028	VISTA ID#:	13509967
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
	County UST - County Underground Storage Tank / SRC# 133	EPA/Agency ID:	N/A

Map ID

4

Agency Address:	SAME AS ABOVE
Agency ID:	H20406
Epa ID:	CAL000012036
Facility Name:	PALA MESA RESORT
Facility Address:	2001 S HY 395
Facility City:	FALLBROOK
Facility State:	CA
Facility Zip:	920289653
Total Underground Tanks:	1
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	NOT REPORTED
Tank No:	T003
Tank Size:	550.00
Fuel Type:	REGULAR UNLEADED
Tank Type:	SINGLE WALL W/O SECNDRY CNTMNT
Pipe Type:	CLOSED BY REMOVAL PIPE TYPE
Tank ID:	NOT AVAILA
Alternate Monitor:	"UNKNOWN"
Year Installed:	1980
Fields Not Reported by the Source Agency for this Site:	Facility County(1), Test Status(1), Inspection Status(1), Tank Status Date(1)



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844721
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332158117093401	
Well Use Type:		IRRIGATION	
Well Depth:		120.0	
Well Latitude:		33.366111111111	
Well Longitude:		-117.1594444444	
Static Water Level:		.00	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

5

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844722
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332158117093402	
Well Use Type:		UNUSED	
Well Latitude:		33.366111111111	
Well Longitude:		-117.1594444444	
Static Water Level:		21.00	
Well County Fips:		6073	

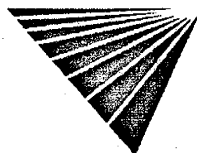
Map ID

5

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844733
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332201117093501	
Well Use Type:		UNUSED	
Well Depth:		54.00	
Well Latitude:		33.366944444444	
Well Longitude:		-117.1597222222	
Static Water Level:		10.00	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

5



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844663
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332144117090301		
Well Use Type:	DOMESTIC		
Well Depth:	83.00		
Well Latitude:	33.362222222222		
Well Longitude:	-117.1508333333		
Static Water Level:	28.00		
Well County Fips:	6073		
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

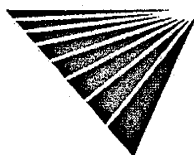
Map ID

6

VISTA Address*:	SUPER FOUR 350 STEWART CANYON RD FALLBROOK, CA 92028	VISTA ID#:	5605222
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H99567
Agency Address:	SAME AS ABOVE		
Permit No:	H99567		
Name:	SUPER FOUR		
Address:	350 STEWART CANYON RD FALLBROOK, CA 92028-		
Inventory Item No:	D001		
Chemical Name:	PROPANE (2X1000)		
CAS No:	74-98-6		
Qty Stored at one Time:	2000.00 GAL		
Annual Qty:	4000.00 GAL		
Storage Methods:	ABVGR TNK, STEEL 10-1000 G		
1st Hazard Category:	FIRE HAZARD		
2nd Hazard Category:	SUDDN RLSE OF PRES		
Business Code Desc	GENERAL FARMING		
Permit Exp Date:	0000		
Phone:	(760)731-9338		
Owner Name:	VICTOR GONZALEZ		
Establishment Address:	350 STEWART CANYON RD FALLBROOK CA 92008		
Fire Dept Dist Name:	NORTH COUNTY FPD		
Census Tract No:	19000		
Inspection Date:	02/17/1999 0:00:00		
Reinspection Date:	FEB 2000		
Inspector Name:	PERSKY		

Map ID

7



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

**Fields Not Reported by the Source
Agency for this Site:**

Inactive Indicator(1), SIC(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Owner Name(1), Owner Address(1), Tank Owner Name(1), Tank Owner Address(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844767
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

7

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332212117094201
 Well Use Type: UNUSED
 Well Latitude: 33.37
 Well Longitude: -117.1616666666
 Static Water Level: 4.00
 Date Well Drilled: 01/01/1951
 Well County Fips: 6073

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844777
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

8

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332218117094001
 Well Use Type: UNUSED
 Well Depth: 120.0
 Well Latitude: 33.371666666666
 Well Longitude: -117.1611111111
 Static Water Level: 5.00
 Well County Fips: 6073

**Fields Not Reported by the Source
Agency for this Site:**

Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844776
		Distance/Direction:	<0.01 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

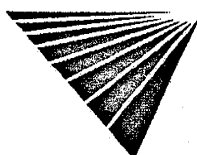
Map ID

8

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332217117094501
 Well Use Type: UNUSED
 Well Depth: 62.00
 Well Latitude: 33.371388888888
 Well Longitude: -117.1625
 Static Water Level: 14.00
 Well County Fips: 6073

**Fields Not Reported by the Source
Agency for this Site:**

Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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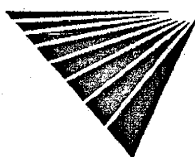
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GeoSoils, Inc.

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	HEWLETT PACKARD N HIGHWAY 395 FALLBROOK, CA 92028	VISTA ID#:	4823236	Map ID 9
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility Name:		HEWLETT PACKARD		
Facility Address:		N HIGHWAY 395 FALLBROOK, CA 92028		
Facility County:		37000		
Total Underground Tanks:		1		
Total Aboveground Tanks:		NOT REPORTED		
Total Tanks Removed:		1		
Tank ID #:		T001U		
Tank Contents:		OTHER		
Tank Age:		0		
Tank Capacity:		500 GALLONS		
Tank Status:		CLOSED REMOVED		
Leak Monitor:		MONITOR PRESENT		
Piping Type:		UNKNOWN		
Tank Material:		OTHER DESCRIPTIONS		
VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844551	Map ID 10
		Distance/Direction:	0.01 MI / SW	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332055117100501		
Well Latitude:		33.348611111111		
Well Longitude:		-117.1680555555		
Static Water Level:		7.00		
Well County Fips:		6073		
VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844669	Map ID 11
		Distance/Direction:	0.09 MI / E	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332145117081201		
Well Use Type:		UNUSED		
Well Depth:		103.0		
Well Latitude:		33.3625		
Well Longitude:		-117.1366666666		
Static Water Level:		55.00		
Well County Fips:		6073		
Fields Not Reported by the Source		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility		
Agency for this Site:		Zip(1), Facility County(1)		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

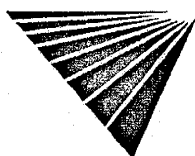
VISTA Address*:	RAINBOW MWD 9803 HUNTLEY RD FALLBROOK, CA 92028	VISTA ID#:	65159983
		Distance/Direction:	0.11 MI / W
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H29434

Map ID

12

Agency Address:	SAME AS ABOVE
Permit No:	H29434
Name:	RAINBOW MWD
Address:	9803 HUNTLEY RD FALLBROOK, CA 92028-
Inactive Indicator	1
Business Code Desc	1 WASTE ITEM OR 1 DISC
Permit Exp Date:	1031
Phone:	(619)728-1178
Owner Name:	RAINBOW MWD-HUNTLEY RD CHOR
Establishment Address:	P O BOX 2500 FALLBROOK CA 92088 2500
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Track No:	19000
Inspection Date:	08/31/1994 0:00:00
Reinspection Date:	AUG 1995
Inspector Name:	FRIEDMAN

HE-17 / SRC# 132		Agency ID:	H29436
Agency Address:	RAINBOW MWD 1556 SLEEPING INDIAN RD FALLBROOK, CA 92028		
Permit No:	H29436		
Name:	RAINBOW MWD		
Address:	1556 SLEEPING INDIAN RD FALLBROOK, CA 92028-9237		
Inventory Item No:	D001		
Chemical Name:	CHLORINE GAS CL2		
CAS No:	7782-50-5		
Qty Stored at one Time:	1.00 TON		
Annual Qty:	12.00 TON		
Storage Methods:	CYLINDERS		
1st Hazard Category:	XTREMLY HAZRDS-GAS		
2nd Hazard Category:	XTREMLY HAZRDS-CFR		
Business Code Desc	1 WASTE ITEM OR 1 DISC		
Permit Exp Date:	1031		
Phone:	(619)728-1178		
Owner Name:	RAINBOW MWD-MORRO CHLORINE STA		
Establishment Address:	P.O. BOX 2500		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

	FALLBROOK
	CA
	92088
	2500
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Tract No:	18605
Inspection Date:	03/13/2000 0:00:00
Reinspection Date:	MAR 2002
Inspector Name:	BODENHAMER

HE-17 / SRC# 132	Agency ID:	H29437
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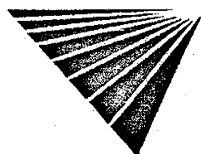
Agency Address:	RAINBOW MWD 846 RAINBOW GLEN RD FALLBROOK, CA 92028
Permit No:	H29437
Name:	RAINBOW MWD
Address:	846 RAINBOW GLEN RD FALLBROOK, CA 92028-

Inventory Item No:	D001
Chemical Name:	CHLORINE GAS
CAS No:	7782-50-5
Qty Stored at one Time:	1.00 TON
Annual Qty:	5.00 TON
Storage Methods:	CYLINDERS
1st Hazard Category:	XTREMLY HAZRDS-GAS
2nd Hazard Category:	XTREMLY HAZRDS-CFR
Business Code Desc	1 WASTE ITEM OR 1 DISC
Permit Exp Date:	1031
Phone:	(619)728-1178
Owner Name:	RAINBOW MWD-RAINBOW GLEN CHLOR
Establishment Address:	P.O. BOX 2500 FALLBROOK CA 92088 2500
Fire Dept Dist Name:	NORTH COUNTY FPD
Inspection Date:	03/13/2000 0:00:00
Reinspection Date:	MAR 2002
Inspector Name:	BODENHAMER

HE-17 / SRC# 132	Agency ID:	H29439
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Agency Address:	RAINBOW MWD 4040 CITRUS DR FALLBROOK, CA 92028
Permit No:	H29439
Name:	RAINBOW MWD
Address:	4040 CITRUS DR FALLBROOK, CA 92028-9532

Inventory Item No:	D001
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* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

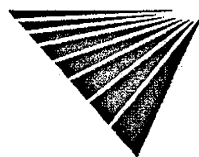
Chemical Name:	CHLORINE GAS CL2
CAS No:	7782-50-5
Qty Stored at one Time:	1.00 TON
Annual Qty:	1.00 TON
Storage Methods:	CYLINDERS
1st Hazard Category:	XTREMLY HAZRDS-GAS
2nd Hazard Category:	XTREMLY HAZRDS-CFR
Business Code Desc	1 WASTE ITEM OR 1 DISC
Permit Exp Date:	1031
Phone:	(619)728-1178
Owner Name:	RAINBOW MWD- PALA MESA RES
Establishment Address:	P.O. BOX 2500 FALLBROOK CA 92088 2500
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Tract No:	18802
Inspection Date:	03/13/2000 0:00:00
Reinspection Date:	MAR 2002
Inspector Name:	BODENHAMER
Fields Not Reported by the Source Agency for this Site:	SIC(1), Status(4), Establishment Name(4), EPA ID(4), Notice of Violation Issued(4), Owner Name(4), Owner Address(4), Tank Owner Name(5), Tank Owner Address(5), Inactive Indicator(3), SIC(1), Waste Code(2), SIC(1), Census Tract No(1), SIC(1)

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844740
		Distance/Direction:	0.15 MI / NE
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332203117081801		
Well Use Type:	UNUSED		
Well Depth:	53.00		
Well Latitude:	33.3675		
Well Longitude:	-117.1383333333		
Static Water Level:	12.00		
Well County Fips:	6073		
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

Map ID

13



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844778
		Distance/Direction:	0.22 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332218117100701	
Well Use Type:		IRRIGATION	
Well Depth:		45.00	
Well Latitude:		33.371666666666	
Well Longitude:		-117.1686111111	
Static Water Level:		.00	
Date Well Drilled:		01/01/1964	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

14

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844734
		Distance/Direction:	0.22 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332201117102401	
Well Use Type:		UNUSED	
Well Depth:		17.00	
Well Latitude:		33.366944444444	
Well Longitude:		-117.1733333333	
Static Water Level:		12.00	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

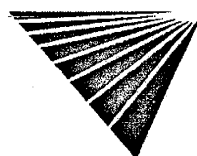
Map ID

15

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844635
		Distance/Direction:	0.23 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332132117080101	
Well Use Type:		IRRIGATION	
Well Latitude:		33.358888888888	
Well Longitude:		-117.1336111111	
Static Water Level:		54.00	
Well County Fips:		6073	

Map ID

16



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844769
		Distance/Direction:	0.40 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332213117102801	
Well Use Type:		IRRIGATION	
Well Depth:		98.00	
Well Latitude:		33.370277777777	
Well Longitude:		-117.17444444444	
Static Water Level:		.00	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

17

VISTA Address*:	MAY ENTERPRISES 3840 RECHE RD FALLBROOK, CA 92028	VISTA ID#:	5297682
		Distance/Direction:	0.42 MI / NW
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H32315
Agency Address:		MAY ENTERPRISES 3582 VIA ZARA FALLBROOK, CA 92028	
Establishment Permit #:		H32315	
Site Name:		MAY ENTERPRISES	
Site Address:		3582 VIA ZARA FALLBROOK CA 92028	
Site County:		SAN DIEGO	
Site Contact:		H C MAYS	
Media Affected:		NOT REPORTED	
Substance Leaked:		NOT REPORTED	
Release Occurrence #:		001	
Historical Name:		MAY ENTERPRISES	
Date Release Began:		12/16/1993 0:00:00	
Lead Agency:		DEH	
Case Type:		NON-TANK, ENV.	
Case Status:		CLOSED	
Case Status Date:		12/21/1993 0:00:00	
Fields Not Reported by the Source Agency for this Site:		Business Code(1), SIC #(1), Permit Annual Expiration Date(1), Status(1), Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1), Inspection Date(1), Reinspection Date(1), Inspector Name(1), Business Plan Acceptance Date(1)	

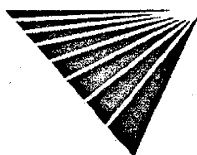
Map ID

17

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844761
		Distance/Direction:	0.45 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	

Map ID

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* VISTA address includes enhanced city and ZIP.

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GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Well ID:	332210117103401
Well Use Type:	UNUSED
Well Depth:	98.00
Well Latitude:	33.369444444444
Well Longitude:	-117.17611111111
Static Water Level:	46.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844770
		Distance/Direction:	0.49 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

17

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332213117103501
Well Use Type:	UNUSED
Well Depth:	76.00
Well Latitude:	33.370277777777
Well Longitude:	-117.17638888888
Static Water Level:	33.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844749
		Distance/Direction:	0.46 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

18

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332206117103801
Well Use Type:	IRRIGATION
Well Depth:	86.00
Well Latitude:	33.368333333333
Well Longitude:	-117.17722222222
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	MAY ENTERPRIZES 3582 VIA ZARA FALLBROOK, CA 92028	VISTA ID#:	4990649
		Distance/Direction:	0.48 MI / NW
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 120		EPA/Agency ID:	N/A

Map ID

18

Agency Address:	MAY ENTERPRIZES 3582 VIA ZARA FALLBROOK, CA 0
Site Name:	MAY ENTERPRIZES
Site Address:	3582 VIA ZARA



* VISTA address includes enhanced city and ZIP.

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Report ID: 011112001

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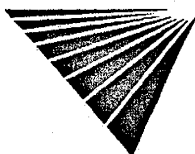
Date of Report: November 30, 2001

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GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Site County:	FALLBROOK CA 92088 SAN DIEGO		
Case No:	9UT2610		
Local Case No:	H32315-001		
Case Type:	SOIL ONLY		
Report Date:	12/21/93		
Lead Agency:	LOCAL AGENCY (COUNTY)		
Local Agency:	SAN DIEGO		
Substance:	GASOLINE		
Discovery Date:	12/21/93		
How Leak Was Discovered:	TANK CLOSURE		
How Leak Was Stopped:	CLOSE TANK		
Status:	CASE CLOSED		
Date3a:	12/21/93		
Date9:	9/29/94		
Interim:	Y		
Stop Date:	12/21/93		
Basins:	903.12		
Beneficial Use:	MUN		
Beneficial Use Desc:	MUNICIPAL GROUNDWATER USE		
Leak Cause:	CORROSION		
Leak Source:	TANK		
Program:	LOCAL OVERSIGHT PROGRAM UST		
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), Substance Qty(1), GW Depth(1), Date1(1), Date3b(1), Date5c(1), Date5r(1), Date7(1), Date8(1), Abatement Method(1), Enforcement Type(1), Enforcement Date(1), Cao No(1), Wdr No(1), Npdes No(1), Abatement Desc(1), Priority(1)		
STATE LUST - State Leaking Underground Storage Tank / SRC#	EPA/Agency ID:	N/A	
164			
Agency Address:	MAY ENTERPRIZES 3582 VIA ZARA FALLBROOK, CA 92088		
Site Name:	MAY ENTERPRIZES		
Site Location:	3582 VIA ZARA		
Site County:	FALLBROOK CA 92088- SAN DIEGO		
Water Quality Control Board Region:	09		
Case ID #:	9UT2610		
Local Case ID #:	H32315-001		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY LEAD		
Remediation Status:	CASE CLOSED		
Substance Leaked:	GASOLINE		
Funding By:	RESPONSIBLE PARTY		
How was Leak Discovered:	TANK CLOSURE		
How was Leak Stopped:	CLOSE TANK		
MTBE Tested:	SITE NOT TESTED FOR MTBE		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Program Type:	LOCAL OVERSIGHT PROGRAM UST
Repsonsible Party:	MRS H.C. MAY
Cause of Leak:	CORROSION
Source of Leak:	TANK
Longitude:	33.3694464
Latitude:	-117.1835506
Summary:	FARM TANK 550 GAL STEEL NON LOPUSED FOR AGR CULTURE PURPOSES
Date Preliminary Site Assessment Workpla:	12/21/93
Date Case was Closed:	9/29/94
Date Leak was Discovered:	12/21/93
Reported Date:	12/21/93
Date Leak was Stopped:	12/21/93
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), Remediation Status(1), Abatement Method(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), MTBE Tested(1), Program Type(1), Substance Quantity Leaked (G)(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Date of Enforcement Action(1), MTBE Date(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844744
		Distance/Direction:	0.48 MI / NW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332205117104001		
Well Use Type:	IRRIGATION		
Well Depth:	108.0		
Well Latitude:	33.368055555555		
Well Longitude:	-117.177777777		
Static Water Level:	55.00		
Well County Fips:	6073		
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

Map ID

18

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844838
		Distance/Direction:	0.50 MI / NE
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332239117083401		
Well Use Type:	IRRIGATION		
Well Depth:	45.00		
Well Latitude:	33.3775		
Well Longitude:	-117.142777777		
Static Water Level:	30.00		
Date Well Drilled:	01/01/1941		
Well County Fips:	6073		

Map ID

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*VISTA address includes enhanced city and ZIP.

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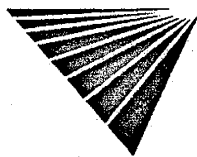
SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

**Fields Not Reported by the Source
Agency for this Site:**

*Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility
Zip(1), Facility County(1)*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

No Records Found



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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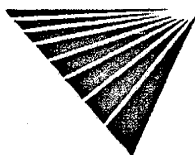
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UNMAPPED SITES

VISTA Address*:	WEST PACK AVOCODO 301 EALVARADO ST FALLBROOK, CA 92028	VISTA ID#:	67226544
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H22850
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H22850		
Site Name:	WEST PACK AVOCODO		
Site Address:	301 EALVARADO ST FALLBROOK CA 92028 2912		
Site County:	SAN DIEGO		
Site Contact:	MICHAEL CAVANAUGH		
Media Affected:	NOT REPORTED		
Substance Leaked:	NOT REPORTED		
Release Occurrence #:	001		
Historical Name:	WEST PAC AVOCADO		
Date Release Began:	05/22/1991 0:00:00		
Lead Agency:	DEH		
Case Type:	TANK, RELEASE (W)		
Case Status:	CLOSED		
Case Status Date:	09/23/1994 0:00:00		
Fields Not Reported by the Source Agency for this Site:	Business Code(1), SIC #(1), Permit Annual Expiration Date(1), Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1), Inspection Date(1), Reinspection Date(1), Inspector Name(1), Business Plan Acceptance Date(1)		

VISTA Address*:	FALLBROOK PRECISION AUTOMOTIVE 418 WAVIATION RD FALLBROOK, CA 92028	VISTA ID#:	67226466
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H10640
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H10640		
Site Name:	FALLBROOK PRECISION AUTOMOTIVE		
Site Address:	418 WAVIATION RD FALLBROOK CA 92028 3217		
Site County:	SAN DIEGO		
Business Code	GENL AUTO/CYCLE/TRUCK REP		
SIC #	4953		
EPA ID #	CAL000116536		
Inspection Date	08/22/2001 0:00:00		
Reinspection Date	OCT 2002		
Inspector Name	SLATER		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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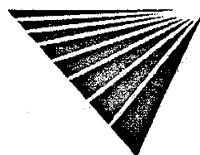
GeoSoils, Inc.

UNMAPPED SITES CONT.

Site Contact:	STEVE VALENTINE
Business Plan Acceptance Date	09/01/1992
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	FALLBROOK REFUSE SERVICE
Date Release Began:	04/15/1999 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	OPEN
Case Status Date:	05/14/1999 0:00:00
Fields Not Reported by the Source Agency for this Site:	Owner Contact(1), Is Facility a Gas Station(1)

VISTA Address*:	RICH'S AUTO-TRUCK 607 SMAIN ST FALLBROOK, CA 92028	VISTA ID#:	67226525
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H21419
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H21419		
Site Name:	RICH'S AUTO-TRUCK		
Site Address:	607 SMAIN ST FALLBROOK CA 92028 2945		
Site County:	SAN DIEGO		
Site Contact:	RICH FALLS		
Media Affected:	NOT REPORTED		
Substance Leaked:	NOT REPORTED		
Release Occurrence #:	001		
Historical Name:	TPS INVESTMENTS		
Date Release Began:	02/06/1996 0:00:00		
Lead Agency:	DEH		
Case Type:	TANK, RELEASE		
Case Status:	CLOSED		
Case Status Date:	11/25/1996 0:00:00		
Fields Not Reported by the Source Agency for this Site:	Business Code(1), SIC #(1), Permit Annual Expiration Date(1), Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1), Inspection Date(1), Reinspection Date(1), Inspector Name(1), Business Plan Acceptance Date(1)		

VISTA Address*:	GREG CLARK CHEVRON 1285 SMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226384
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H05649
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H05649		
Site Name:	GREG CLARK CHEVRON		



* VISTA address includes enhanced city and ZIP.

For more information call VISTainfo at 1 - 800 - 767 - 0403.

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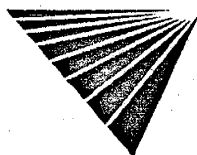
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UNMAPPED SITES CONT.

Site Address:	1285 SMISSION RD FALLBROOK CA 92028 4005
Site County:	SAN DIEGO
Business Code	FUEL-DISPENSE/AUTO REPAIR
SIC #	5411
EPA ID #	CAD983649047
Inspection Date	01/19/1999 0:00:00
Reinspection Date	MAR 2000
Inspector Name	GALLAGHER
Site Contact:	JON PRINCE
Business Plan Acceptance Date	11/25/1996
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	CHEVRON
Date Release Began:	06/22/1988 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	OPEN
Case Status Date:	06/22/1988 0:00:00
Release Occurrence #:	002
Historical Name:	CHEVRON
Date Release Began:	08/21/1992 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	OPEN
Case Status Date:	08/21/1992 0:00:00
Fields Not Reported by the Source Agency for this Site:	Is Facility a Gas Station(1)

VISTA Address*:	DEL REY AVOCADO CO 1260 SMAIN AV FALLBROOK, CA 92028	VISTA ID#:	67226369
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H05522
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H05522		
Site Name:	DEL REY AVOCADO CO		
Site Address:	1260 SMAIN AV FALLBROOK CA 92028 3327		
Site County:	SAN DIEGO		
SIC #	0179		



* VISTA address includes enhanced city and ZIP.

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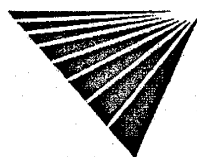
UNMAPPED SITES CONT.

Inspection Date	07/17/1988 0:00:00
Reinspection Date	JUL 1989
Inspector Name	GALLAGHER
Site Contact:	BOB SIEMER
Business Plan Acceptance Date	10/04/1988
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	DEL REY AVOCADO
Date Release Began:	06/23/1989 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	CLOSED
Case Status Date:	01/11/1991 0:00:00
Fields Not Reported by the Source Agency for this Site:	Business Code(1), Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1)

VISTA Address*:	BORJA IMPORT CAR SERVICE 202 WCOLLEGE ST FALLBROOK, CA 92028	VISTA ID#:	67226311
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H05010
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Agency Address:	SAME AS ABOVE
Establishment Permit #:	H05010
Site Name:	BORJA IMPORT CAR SERVICE
Site Address:	202 WCOLLEGE ST FALLBROOK CA 92028 2908
Site County:	SAN DIEGO
Business Code	GENL AUTO/CYCLE/TRUCK REP
SIC #	0174
Inspection Date	05/20/1999 0:00:00
Reinspection Date	MAY 2001
Inspector Name	TORRES
Site Contact:	VICTOR BORJA
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	FALLBROOK CITRUS COMPANY INC
Date Release Began:	08/03/1988 0:00:00
Lead Agency:	DEH
Case Type:	NON-TANK, ENV.
Case Status:	CLOSED
Case Status Date:	02/20/1996 0:00:00
Fields Not Reported by the Source Agency for this Site:	Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1), Business Plan Acceptance Date(1)



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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UNMAPPED SITES CONT.

VISTA Address*:	SOUTHERN CALIFORNIA SMOG 1557 SMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226307

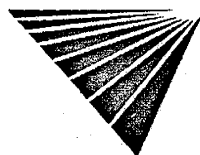
STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H04946
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Agency Address:	SAME AS ABOVE
Establishment Permit #:	H04946
Site Name:	SOUTHERN CALIFORNIA SMOG
Site Address:	1557 SMISSION RD FALLBROOK CA 92028 4136 SAN DIEGO
Site County:	SAN DIEGO
Business Code	GENL AUTO/CYCLE/TRUCK REP
SIC #	5085
EPA ID #	CAL000126531
Inspection Date	07/30/1998 0:00:00
Reinspection Date	SEP 1999
Inspector Name	GALLAGHER
Site Contact:	MARTY LANZ
Business Plan Acceptance Date	08/16/1996
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	KLEIN DISTRIBUTING CO
Date Release Began:	09/12/1986 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	CLOSED
Case Status Date:	09/30/1986 0:00:00
Fields Not Reported by the Source	Owner Contact(1), Is Facility a Gas Station(1)
Agency for this Site:	

VISTA Address*:	RAINBOW OAKS 4815 E05TH ST FALLBROOK, CA 92028	VISTA ID#:	67226132

STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H12532
---	------------	--------

Agency Address:	SAME AS ABOVE
Establishment Permit #:	H12532
Site Name:	RAINBOW OAKS
Site Address:	4815 E05TH ST FALLBROOK CA 92028 9791 SAN DIEGO
Site County:	SAN DIEGO



* VISTA address includes enhanced city and ZIP.

For more information call VISTAINfo at 1 - 800 - 767 - 0403.

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Business Code	FUEL-DISPENSE NO REPAIR
Inspection Date	10/08/1997 0:00:00
Reinspection Date	DEC 1998
Inspector Name	WHITE
Site Contact:	WILLIAM SEEL
Business Plan Acceptance Date	05/09/2001
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	RAINBOW OAKS
Date Release Began:	07/14/1986 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	11/19/1987 0:00:00
Release Occurrence #:	002
Historical Name:	RAINBOW OAKS
Date Release Began:	05/10/1999 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	OPEN
Case Status Date:	05/17/1999 0:00:00
Fields Not Reported by the Source Agency for this Site:	SIC #(1), Status(1), Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1)

VISTA Address*:	FALLBROOK LANDFILL 800 BLOOCK OF ALTURAS ST FALLBROOK, CA 0	VISTA ID#:	67139416
STATE SWLF - Solid Waste Landfill / SRC# 163		Agency ID:	37-CR-0024
Agency Address:	SAME AS ABOVE		
Site Name:	FALLBROOK LANDFILL		
Site Address:	800 BLOOCK OF ALTURAS ST FALLBROOK, CA SAN DIEGO		
Site County:	SAN DIEGO		
SWIS ID #:	37-CR-0024		
Latitude:	33.38		
Longitude:	-117.25694		
Facility Life:	NOT REPORTED		
Unit ID #:	01		
Category:	DISPOSAL		
Activity:	SOLID WASTE DISPOSAL SITE		
Regulatory Status:	PRE-REGULATIONS		
Operational Status:	CLOSED		
Inspection Frequency:	QUARTERLY		
Permitted Throughput:	0		
Permitted Capacity:	0		
Total Acreage:	0 ACRES		
Disposal Acreage:	0 ACRES		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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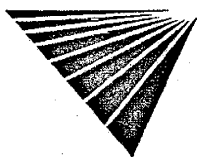
GeoSoils, Inc.

UNMAPPED SITES CONT.

**Fields Not Reported by the Source
Agency for this Site:**

*Surrounding Land Use(1), Permit Issue Date(1), Permit Status(1), Operator Name(1),
Operator Address(1), Operator Phone #(1), Owner Phone #(1), Waste Type(s)(1),
Closure Date(1), Closure Type(1)*

VISTA Address*:	7-ELEVEN FOOD STORE #21800 631 SMAIN ST FALLBROOK, CA 92028	VISTA ID#:	67226051
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H20425
Agency Address:		SAME AS ABOVE	
Establishment Permit #:		H20425	
Site Name:		7-ELEVEN FOOD STORE #21800	
Site Address:		631 SMAIN ST FALLBROOK CA 92028 2945 SAN DIEGO	
Site County:		SAN DIEGO	
Business Code		FUEL-DISPENSE NO REPAIR	
SIC #		5541	
Inspection Date		04/05/2001 0:00:00	
Reinspection Date		APR 2002	
Inspector Name		CHAIRS	
Site Contact:		GURINDA SINGH	
Business Plan Acceptance Date		04/27/2001	
Media Affected:		NOT REPORTED	
Substance Leaked:		NOT REPORTED	
Release Occurrence #:		001	
Historical Name:		7-ELEVEN FOOD STORE #21800	
Date Release Began:		08/14/1986 0:00:00	
Lead Agency:		DEH	
Case Type:		TANK, FAILED TEST	
Case Status:		CLOSED	
Case Status Date:		11/05/1986 0:00:00	
Release Occurrence #:		002	
Historical Name:		7-ELEVEN	
Date Release Began:		10/02/1997 0:00:00	
Lead Agency:		DEH	
Case Type:		TANK, RELEASE	
Case Status:		OPEN	
Case Status Date:		02/04/2000 0:00:00	
Fields Not Reported by the Source Agency for this Site:		<i>Status(1), EPA ID #(1), Is Facility a Gas Station(1)</i>	



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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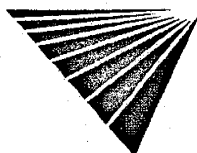
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UNMAPPED SITES CONT.

VISTA Address*:	PRO-TIRE AND AUTOMOTIVE 128 EMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226231
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H03430
Agency Address:		SAME AS ABOVE	
Establishment Permit #:		H03430	
Site Name:		PRO-TIRE AND AUTOMOTIVE	
Site Address:		128 EMISSION RD FALLBROOK CA 92028 1961 SAN DIEGO	
Site County:		SAN DIEGO	
Business Code		GENL AUTO/CYCLE/TRUCK REP	
SIC #		5531	
EPA ID #		CAD982335523	
Inspection Date		04/29/1999 0:00:00	
Reinspection Date		JUN 2000	
Inspector Name		GALLAGHER	
Site Contact:		GARY SHIMER	
Business Plan Acceptance Date		08/03/1994	
Media Affected:		NOT REPORTED	
Substance Leaked:		NOT REPORTED	
Release Occurrence #:		001	
Historical Name:		THOMAS HOLLOWAY	
Date Release Began:		12/12/1988 0:00:00	
Lead Agency:		DEH	
Case Type:		TANK, RELEASE (W)	
Case Status:		OPEN	
Case Status Date:		12/12/1988 0:00:00	
Fields Not Reported by the Source		Owner Contact(1), Is Facility a Gas Station(1)	
Agency for this Site:			

VISTA Address*:	PUBLIC UTILITY DISTRICT 1425 SALTURAS RD FALLBROOK, CA 92028	VISTA ID#:	67225863
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H02624
Agency Address:		SAME AS ABOVE	
Establishment Permit #:		H02624	
Site Name:		PUBLIC UTILITY DISTRICT	
Site Address:		1425 SALTURAS RD FALLBROOK CA 92028 3906 SAN DIEGO	
Site County:		SAN DIEGO	



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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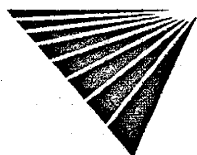
UNMAPPED SITES CONT.

Business Code	PUBLIC UTILITIES
EPA ID #	CAL000035906
Inspection Date	01/09/2001 0:00:00
Reinspection Date	MAR 2002
Inspector Name	CHAIRS
Site Contact:	JOEL HOLT
Business Plan Acceptance Date	07/16/1999
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	FALLBROOK SANITARY DISTRICT
Date Release Began:	03/16/1989 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	CLOSED
Case Status Date:	05/13/1993 0:00:00
Fields Not Reported by the Source Agency for this Site:	SIC #(1), Owner Contact(1), Is Facility a Gas Station(1)

VISTA Address*:	CIRCLE K#777 1005 NMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226054
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H20432
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Agency Address:	SAME AS ABOVE
Establishment Permit #:	H20432
Site Name:	CIRCLE K#777
Site Address:	1005 NMISSION RD FALLBROOK CA 92028 2213 SAN DIEGO
Site County:	SAN DIEGO
Business Code	AB3205 PROGRAM
SIC #	5541
Inspection Date	05/23/1997 0:00:00
Reinspection Date	JUL 1998
Inspector Name	GOHRES
Site Contact:	ART HOGARTH
Business Plan Acceptance Date	05/21/1996
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	003
Historical Name:	CIRCLE K CORP. STORE #0777
Date Release Began:	03/09/1993 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	OPEN



* VISTA address includes enhanced city and ZIP.

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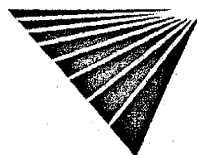
UNMAPPED SITES CONT.

Case Status Date:	05/17/1993 0:00:00
Release Occurrence #:	002
Historical Name:	CIRCLE K CORP. STORE #0777
Date Release Began:	03/11/1993 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	06/08/1993 0:00:00
Release Occurrence #:	001
Historical Name:	CIRCLE K CORP. STORE #0777
Date Release Began:	11/08/1990 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	07/11/1991 0:00:00
Fields Not Reported by the Source Agency for this Site:	Permit Annual Expiration Date(1), EPA ID #(1), Is Facility a Gas Station(1)

VISTA Address*:	FALLBROOK PUBLIC UTILITY DIST 990 EMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226220
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H03305
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Agency Address:	SAME AS ABOVE
Establishment Permit #:	H03305
Site Name:	FALLBROOK PUBLIC UTILITY DIST
Site Address:	990 EMISSION RD FALLBROOK CA 92028 2232 SAN DIEGO
Site County:	SAN DIEGO
Business Code	PUBLIC UTILITIES
SIC #	4941
EPA ID #	CAD981379258
Inspection Date	12/08/1998 0:00:00
Reinspection Date	FEB 2000
Inspector Name	GALLAGHER
Site Contact:	FRANK MCMILLAN
Business Plan Acceptance Date	09/16/1997
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	002
Historical Name:	FALLBROOK PUBLIC UTILITY
Date Release Began:	07/13/1989 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED



* VISTA address includes enhanced city and ZIP.

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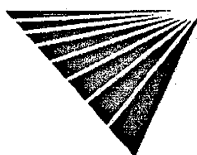
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UNMAPPED SITES CONT.

Case Status Date:	08/29/1989 0:00:00
Release Occurrence #:	003
Historical Name:	FALLBROOK UTILITY DISTRICT
Date Release Began:	08/14/1990 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	CLOSED
Case Status Date:	05/20/2000 0:00:00
Release Occurrence #:	004
Historical Name:	FALLBROOK PUBLIC UTILITY DIST.
Date Release Began:	05/28/1991 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	CLOSED
Case Status Date:	05/31/2001 0:00:00
Release Occurrence #:	001
Historical Name:	FALLBROOK PUBLIC UTILITY DIST
Date Release Began:	06/13/1988 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	10/18/1988 0:00:00
Fields Not Reported by the Source Agency for this Site:	Owner Contact(1), Is Facility a Gas Station(1)

VISTA Address*:	FALLBROOK UNION H S DISTRICT 2400 SSTAGE COACH LN FALLBROOK, CA 92028	VISTA ID#:	67225890
STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H03111	
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H03111		
Site Name:	FALLBROOK UNION H S DISTRICT		
Site Address:	2400 SSTAGE COACH LN FALLBROOK CA 92028 4429 SAN DIEGO		
Site County:	SAN DIEGO		
Business Code	SCHOOLS, UNIV, COLLEGES		
SIC #	8211		
EPA ID #	CAD981168172		
Inspection Date	09/09/1998 0:00:00		
Reinspection Date	NOV 1999		
Inspector Name	GALLAGHER		
Site Contact:	BRUCE TAYLOR		
Business Plan Acceptance Date	04/12/1999		
Media Affected:	NOT REPORTED		



* VISTA address includes enhanced city and ZIP.

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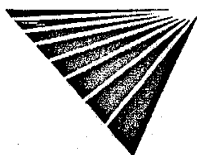
UNMAPPED SITES CONT.

Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	FALLBROOK UNION SCHOOL DISTRICT
Date Release Began:	10/05/1998 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	CLOSED
Case Status Date:	02/10/1999 0:00:00
Fields Not Reported by the Source Agency for this Site:	Owner Name(1), Is Facility a Gas Station(1)

VISTA Address*:	FALLBROOK SHELL STATION 1205 SMAIN ST FALLBROOK, CA 92028	VISTA ID#:	67225895
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H03165
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Agency Address:	SAME AS ABOVE
Establishment Permit #:	H03165
Site Name:	FALLBROOK SHELL STATION
Site Address:	1205 SMAIN ST FALLBROOK CA 92028 3328 SAN DIEGO
Site County:	SAN DIEGO
Business Code	FUEL-DISPENSE NO REPAIR
SIC #	5541
Inspection Date	06/13/2001 0:00:00
Reinspection Date	AUG 2002
Inspector Name	SLATER
Site Contact:	TAMI FAHEY
Business Plan Acceptance Date	01/05/2001
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	SHELL OIL CO
Date Release Began:	10/01/1988 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	01/31/1989 0:00:00
Fields Not Reported by the Source Agency for this Site:	Status(1), EPA ID #(1), Is Facility a Gas Station(1)



* VISTA address includes enhanced city and ZIP.

For more information call VISTainfo at 1 - 800 - 767 - 0403.

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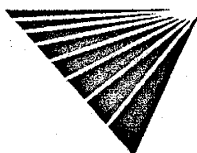
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UNMAPPED SITES CONT.

VISTA Address*:	MAHRS TEXACO 312 SMAIN AV FALLBROOK, CA 92028	VISTA ID#:	67226164
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H12967
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H12967		
Site Name:	MAHRS TEXACO		
Site Address:	312 SMAIN AV FALLBROOK CA 92028 2938		
Site County:	SAN DIEGO		
Business Code	FUEL-DISPENSE/AUTO REPAIR		
SIC #	7538		
EPA ID #	CAL000044463		
Inspection Date	02/14/2001 0:00:00		
Reinspection Date	FEB 2002		
Inspector Name	CHAIRS		
Site Contact:	TIM HAUFF		
Business Plan Acceptance Date	04/14/1998		
Media Affected:	NOT REPORTED		
Substance Leaked:	NOT REPORTED		
Release Occurrence #:	001		
Historical Name:	MAHRS TEXACO		
Date Release Began:	02/24/1986 0:00:00		
Lead Agency:	DEH		
Case Type:	TANK, RELEASE		
Case Status:	CLOSED		
Case Status Date:	06/23/1986 0:00:00		
Release Occurrence #:	002		
Historical Name:	MAHRS TEXACO		
Date Release Began:	01/23/1987 0:00:00		
Lead Agency:	DEH		
Case Type:	TANK, FAILED TEST		
Case Status:	CLOSED		
Case Status Date:	04/14/1988 0:00:00		
Release Occurrence #:	003		
Historical Name:	MAHRS TEXACO		
Date Release Began:	07/15/1997 0:00:00		
Lead Agency:	DEH		
Case Type:	TANK, RELEASE (W)		
Case Status:	OPEN		
Case Status Date:	07/15/1997 0:00:00		
Fields Not Reported by the Source	Is Facility a Gas Station(1)		
Agency for this Site:			



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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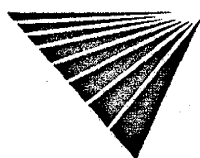
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UNMAPED SITES CONT.

VISTA Address*:	FALLBROOK AUTO PARTS INC 764 EMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226077
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H14032
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H14032		
Site Name:	FALLBROOK AUTO PARTS INC		
Site Address:	764 EMISSION RD FALLBROOK CA 92028 2215 SAN DIEGO		
Site County:	SAN DIEGO		
Business Code	GENL AUTO/CYCLE/TRUCK REP		
SIC #	7539		
EPA ID #	CAL000013131		
Inspection Date	05/07/1999 0:00:00		
Reinspection Date	JUL 2000		
Inspector Name	GALLAGHER		
Site Contact:	JERRY OLIVE		
Business Plan Acceptance Date	05/10/1999		
Media Affected:	NOT REPORTED		
Substance Leaked:	NOT REPORTED		
Release Occurrence #:	001		
Historical Name:	FALLBROOK AUTO PARTS INC		
Date Release Began:	11/02/1988 0:00:00		
Lead Agency:	DEH		
Case Type:	TANK, RELEASE		
Case Status:	CLOSED		
Case Status Date:	09/08/1992 0:00:00		
Fields Not Reported by the Source	Owner Contact(1), Is Facility a Gas Station(1)		
Agency for this Site:			

VISTA Address*:	MAIN STREET GAS 1202 SMAIN ST FALLBROOK, CA 92028	VISTA ID#:	67226108
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H16281
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H16281		
Site Name:	MAIN STREET GAS		
Site Address:	1202 SMAIN ST FALLBROOK CA 92028 3327 SAN DIEGO		
Site County:	SAN DIEGO		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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Business Code	FUEL-DISPENSE NO REPAIR
SIC #	5541
EPA ID #	CAL000098943
Inspection Date	04/02/1999 0:00:00
Reinspection Date	JUN 2000
Inspector Name	GALLAGHER
Site Contact:	VERN BATEMAN
Business Plan Acceptance Date	08/04/1999
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	FALLBROOK GAS AND SNACK
Date Release Began:	05/13/1998 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	OPEN
Case Status Date:	06/05/1998 0:00:00
Fields Not Reported by the Source Agency for this Site:	Owner Contact(1), Is Facility a Gas Station(1)

VISTA Address*:	PETER'S AUTO CENTER 215 SMAIN ST FALLBROOK, CA 92028	VISTA ID#:	67226089
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H14408
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Agency Address:	SAME AS ABOVE
Establishment Permit #:	H14408
Site Name:	PETER'S AUTO CENTER
Site Address:	215 SMAIN ST FALLBROOK CA 92028 2851 SAN DIEGO
Site County:	SAN DIEGO
Business Code	GENL AUTO/CYCLE/TRUCK REP
SIC #	5541
Inspection Date	08/21/2000 0:00:00
Reinspection Date	OCT 2001
Inspector Name	CHAIRS
Site Contact:	PETER PARTICELLI
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	T.G SERVICE INC
Date Release Began:	05/06/1988 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED



*VISTA address includes enhanced city and ZIP.

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Case Status Date:	06/08/1988 0:00:00
Release Occurrence #:	002
Historical Name:	FORMER MOBIL SERVICE STATION
Date Release Began:	09/11/1997 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	OPEN
Case Status Date:	10/30/1997 0:00:00
Fields Not Reported by the Source Agency for this Site:	Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1), Business Plan Acceptance Date(1)

VISTA Address*:	EAST BROS GROVE SERVICE 112 EAVIATION RD FALLBROOK, CA 92028	VISTA ID#:	67226058
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H20440
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Agency Address:	EAST BROS GROVE SERVICE CO. 112 EAVIATION RD FALLBROOK, CA 92028
Establishment Permit #:	H20440
Site Name:	EAST BROS GROVE SERVICE CO.
Site Address:	112 EAVIATION RD FALLBROOK CA 92028 3315 SAN DIEGO
Site County:	SAN DIEGO
Business Code	GENL AUTO/CYCLE/TRUCK REP
SIC #	762
EPA ID #	CAL000025505
Inspection Date	04/19/2000 0:00:00
Reinspection Date	JUN 2001
Inspector Name	GALLAGHER
Site Contact:	JOEL DARWIN EAST
Business Plan Acceptance Date	12/12/1997
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	EAST BROTHERS GROVE SERVICE
Date Release Began:	09/22/1989 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE (W)
Case Status:	OPEN
Case Status Date:	09/22/1989 0:00:00
Release Occurrence #:	002
Historical Name:	EAST BROTHERS BACK LOT
Date Release Began:	08/31/1990 0:00:00
Lead Agency:	RWQCB
Case Type:	NON-TANK, ENV.



* VISTA address includes enhanced city and ZIP.

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GeoSoils, Inc.

UNMAPPED SITES CONT.

Case Status:	CLOSED
Case Status Date:	07/13/1992 0:00:00
Fields Not Reported by the Source Agency for this Site:	Status(1), Owner Contact(1), Is Facility a Gas Station(1)

VISTA Address*:	EZ SERVE STN #100883 1535 SMISSION RD FALLBROOK, CA 92028	VISTA ID#:	67226056
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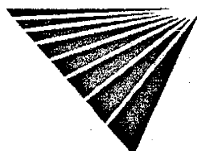
STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H20435
---	------------	--------

Agency Address:	SAME AS ABOVE
Establishment Permit #:	H20435
Site Name:	EZ SERVE STN #100883
Site Address:	1535 SMISSION RD FALLBROOK CA 92028 4136 SAN DIEGO
Site County:	SAN DIEGO
SIC #	5541
Inspection Date	05/12/1988 0:00:00
Reinspection Date	MAY 1989
Inspector Name	GALLAGHER
Site Contact:	CAROL SCHOELER
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	001
Historical Name:	EZ SERVE FACILITY #100883
Date Release Began:	10/06/1992 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	OPEN
Case Status Date:	10/06/1992 0:00:00
Fields Not Reported by the Source Agency for this Site:	Business Code(1), Permit Annual Expiration Date(1), EPA ID #(1), Is Facility a Gas Station(1), Business Plan Acceptance Date(1)

VISTA Address*:	EXXON MOBIL OIL CORP 4730 HY 76 FALLBROOK, CA 92028	VISTA ID#:	67226049
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STATE LUST - State Leaking Underground Storage Tank / SRC# 134	Agency ID:	H20409
---	------------	--------

Agency Address:	SAME AS ABOVE
Establishment Permit #:	H20409
Site Name:	EXXON MOBIL OIL CORP
Site Address:	4730 HY 76 FALLBROOK CA 92028 9006



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112001

Version 2.7

Date of Report: November 30, 2001

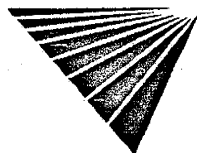
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UNMAPPED SITES CONT.

Site County:	SAN DIEGO
Business Code	FUEL-DISPENSE NO REPAIR
SIC #	5541
EPA ID #	CAL000055741
Inspection Date	09/08/1998 0:00:00
Reinspection Date	NOV 1999
Inspector Name	GALLAGHER
Site Contact:	SUE NAVARRO
Business Plan Acceptance Date	02/09/1998
Media Affected:	NOT REPORTED
Substance Leaked:	NOT REPORTED
Release Occurrence #:	004
Historical Name:	MOBIL OIL #18-034
Date Release Began:	03/06/2000 0:00:00
Lead Agency:	DEH
Case Type:	TANK, RELEASE
Case Status:	OPEN
Case Status Date:	05/05/2000 0:00:00
Release Occurrence #:	003
Historical Name:	MOBIL OIL CORP.
Date Release Began:	12/03/1993 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	03/08/1994 0:00:00
Release Occurrence #:	001
Historical Name:	MOBIL OIL CORP.
Date Release Began:	06/20/1990 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	04/15/1992 0:00:00
Release Occurrence #:	002
Historical Name:	MOBIL OIL CORP.
Date Release Began:	04/27/1992 0:00:00
Lead Agency:	DEH
Case Type:	TANK, FAILED TEST
Case Status:	CLOSED
Case Status Date:	03/17/1993 0:00:00
Fields Not Reported by the Source Agency for this Site:	Status(1), Is Facility a Gas Station(1)

VISTA Address*:	PALA DRUG LAB PALA, CA 92059	VISTA ID#:	503203474
CERCLIS / SRC# 17		Agency ID:	0905383
Agency Address:	SAME AS ABOVE		
EPA ID:	CA0002021806		
Site ID:	0905383		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112001

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GeoSoils, Inc.

UNMAPPED SITES CONT.

Financial Management System ID:	09ED
EPA Region:	09
Federal Facility Indicator:	NOT A FEDERAL FACILITY
NPL Status:	NOT ON THE NPL
Operable Unit ID:	00
Operable Unit Name:	SITEWIDE

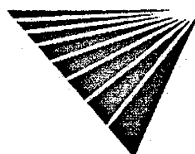
VISTA Address*:	MISSION INDIAN SANIT LANDFILL P.O. BOX 43 PALA, CA 92059	VISTA ID#:	4823239
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WMUDS / SRC# 68	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
Agency ID:	9 000000298
Facility Name:	MISSION INDIAN SANIT LANDFILL
Facility Address:	P.O. BOX 43
Facility City:	PALA
Facility State:	CA
Facility Zip:	92059
Facility County:	SAN DIEGO
Facility Type:	SOLID WASTE SITES-CLASS III- LANDFILLS FOR NONHAZARDOUSSOLID WASTES.
Waste Discharger System Flag:	T
Chapter 15 Facility Flag:	T
Solid Waste Assessment Flag:	T
Toxic Pits Flag:	F
RCRA Flag:	F
Open To Public:	F
Number of Waste Management Units:	1
Threat To Water:	MODERATE THREAT TO WATER QUALITY
Complexity:	CATEGORY B - ANY FACILITY HAVING A PHYSICAL, CHEMICAL OR BIOLOGICAL WASTE TREATMENT SYSTEM (EXCEPT FOR SEPTIC SYSTEMS WITH SUBSURFACE DISPOSAL), OR ANY CLASS II OR III DISPOSAL SITE, OR FACILITIES WITHOUT TREATMENT SYSTEMS THAT ARE COMPLEX, SUCH AS MARINA
Facility Status:	HISTORICAL - ANY REGULATED FACILITY FOR WHICH THE REGIONAL BOARD HAS RESCINDED ALL WDRS OR CONSCIOUSLY ALLOWED AN NPOS PERMIT TO EXPIRE. THOSE FACILITIES THAT ARE NOT UNDER WASTE DISCHARGE REQUIREMENTS (WUDRS) MAY BE SET TO HISTORY WHEN THE REGIONAL BOARD
Waste 1 Nature:	"NONHAZARDOUS SOLID WASTES -INFLUENT OR SOLID WASTES THAT CONTAIN NONHAZARDOUS PUTRESCIBLE AND NONPUTRESCIBLE SOLID, SEMISOLID, AND LIQUID WASTES (E.G. GARBAGE, TRASH, REFUSE, PAPER, DEMOLITION AND CONSTRUCTION WASTES, MANURE, VEGETABLE OR ANIMAL SOLID
Waste 1 Type:	"SOLID WASTES"
Waste 2 Nature:	"NOT REPORTED"
Waste 2 Type:	"NOT REPORTED"
Enforcements:	N
Violations:	N

WMUDS / SRC# 68	EPA/Agency ID:	N/A
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Agency Address:	MISSION INDIAN OXIDATION POND P.O. BOX 43 PALA, CA 92059
Agency ID:	9 000000299
Facility Name:	MISSION INDIAN OXIDATION POND



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112001

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Date of Report: November 30, 2001

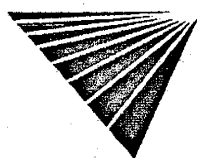
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GeoSoils, Inc.

UNMAPPED SITES CONT.

Facility Address:	P.O. BOX 43
Facility City:	PALA
Facility State:	CA
Facility Zip:	92059
Facility County:	SAN DIEGO
Facility Type:	SOLID WASTE SITES-CLASS III- LANDFILLS FOR NONHAZARDOUSSOLID WASTES.
Waste Discharger System Flag:	T
Chapter 15 Facility Flag:	T
Solid Waste Assessment Flag:	F
Toxic Pits Flag:	F
RCRA Flag:	F
Number of Waste Management Units:	1
Threat To Water:	MODERATE THREAT TO WATER QUALITY
Complexity:	CATEGORY B - ANY FACILITY HAVING A PHYSICAL, CHEMICAL OR BIOLOGICAL WASTE TREATMENT SYSTEM (EXCEPT FOR SEPTIC SYSTEMS WITH SUBSURFACE DISPOSAL), OR ANY CLASS II OR III DISPOSAL SITE, OR FACILITIES WITHOUT TREATMENT SYSTEMS THAT ARE COMPLEX, SUCH AS MARINA
Facility Status:	HISTORICAL - ANY REGULATED FACILITY FOR WHICH THE REGIONAL BOARD HAS RESCINDED ALL WDRS OR CONSCIOUSLY ALLOWED AN NPOS PERMIT TO EXPIRE. THOSE FACILITIES THAT ARE NOT UNDER WASTE DISCHARGE REQUIREMENTS (WURDS) MAY BE SET TO HISTORY WHEN THE REGIONAL BOARD
Waste 1 Nature:	"DESIGNATED - INFLUENT OR SOLID WASTES THAT CONTAIN NONHAZARDOUS WASTES THAT POSE A SIGNIFICANT THREAT TO WATER QUALITY BECAUSE OF THEIR HIGH CONCENTRATIONS (E.G. 800 HARDNESS, TRF, CHLORIDE). 'MANAGEABLE' HAZARDOUS WASTES (E.G. INORGANIC SALTS AND HEAVY
Waste 1 Type:	"DOMESTIC SEWAGE"
Waste 2 Nature:	"NOT REPORTED"
Waste 2 Type:	"NOT REPORTED"
Enforcements:	N
Violations:	N
Fields Not Reported by the Source	Epa ID(1), Swis ID(1), Department of Defense Flag(1), Rank(2), Open To Public(1)
Agency for this Site:	

VISTA Address*:	PALA INDIAN RESERVATION HIGHWAY 76 NEAR LILAC ROAD PALA, CA 92059	VISTA ID#:	12667324
NFRAP / SRC# 18		Agency ID:	0904217
Agency Address:	PALA INDIAN RESERVATION HIGHWAY 76 NEAR LILAC ROAD PALA INDIAN RESERVATION, CA 92059		
EPA ID:	NND983608050		
Site ID:	0904217		
Financial Management System ID:	091W		
EPA Region:	09		
USGS Hydrologic Unit Code:	18070303		
Ownership Type:	INDIAN LANDS		
Federal Facility Indicator:	NOT A FEDERAL FACILITY		
NPL Status:	NOT ON THE NPL		
Hazardous Waste Docket Flag:	NOT ON THE HAZARDOUS WASTE DOCKET		
Site Incident Category Description:	OTHER		
Action:	REMOVAL ACTION		



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112001

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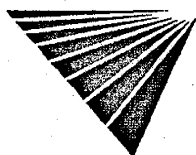
Date of Report: November 30, 2001

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UNMAPPED SITES CONT.

Action Qualifier:	CLEANED UP
Action Lead:	EPA FUND-FINANCED
Scheduled Start Date:	OCTOBER 1, 1991
Scheduled Completion Date:	OCTOBER 1, 1991
Actual Start Date:	OCTOBER 1, 1991
Actual Completion Date:	OCTOBER 1, 1991
Financial Transaction ID:	0002
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 25, 1991
Amount:	\$ 10,000.00
Financial Transaction ID:	0003
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	MAY 10, 1999
Amount:	\$ 5,000.00
Financial Transaction ID:	0003
Transaction Type:	COMMITMENT
Transaction Date:	OCTOBER 7, 1991
Amount:	\$ 10,000.00
Financial Transaction ID:	0004
Transaction Type:	COMMITMENT
Transaction Date:	MAY 5, 1999
Amount:	\$ 5,000.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 29, 1999
Amount:	\$ 849.00
Financial Transaction ID:	0001
Transaction Type:	DECOMMITMENT
Transaction Date:	OCTOBER 25, 1991
Amount:	\$ 10,000.00
Financial Transaction ID:	0002
Transaction Type:	DECOMMITMENT
Transaction Date:	MAY 10, 1999
Amount:	\$ 5,000.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JULY 29, 1999
Amount:	\$ 849.00
Operable Unit ID:	00
Operable Unit Name:	SITEWIDE
Fields Not Reported by the Source Agency for this Site:	Description(1), (1), (1), (1)



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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GeoSoils, Inc.

SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 19

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for National Priorities List was July, 2001.

The NPL Report is the US EPA's registry of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

SPL
SRC#: 113

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for CalSites Database was October, 2000.

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. The agency may be contacted at: 916-323-3400.

CORRACTS
SRC#: 14

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS Corrective Action Sites was August, 2001.

The CORRACTS database contains information concerning RCRA facilities that have conducted, or are currently conducting a corrective action. A Corrective Action Order is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may also be imposed as a requirement of receiving and maintaining a TSDF permit.

RCRIS-TSDC
SRC#: 556

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS TSDs Subject to Corrective Action was August, 2001.

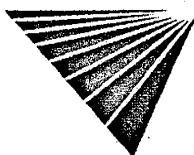
The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDCs are treatment, storage and/or disposal facilities that are subject to corrective action under RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 17

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Comprehensive Environmental Response, Compensation and Liability Information Sys was July, 2001.

The CERCLIS database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL).



NFRAP
SRC#: 18

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for No Further Remedial Action Planned was July, 2001.

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

SCL
SRC#: 112

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CalSites Database was October, 2000.

This database is provided by the Department of Toxic Substances Control. Two-thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

RCRIS-TSD
SRC#: 12

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for RCRIS Treatment, Storage and Disposal Facilities was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF
SRC#: 23

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for USGS Solid Waste Landfills was December, 1991.

This database is provided by the United States Geological Survey. The agency may be contacted at: 703-648-5613.

SWLF
SRC#: 163

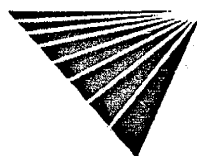
VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Solid Waste Inventory System was September, 2001.

This database is provided by the Integrated Waste Management Board. The agency may be contacted at: 916-255-4021.

WMUDS
SRC#: 68

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Waste Management Unit Data System was February, 1999.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 530-892-0323. This is used for program tracking and inventory of waste management units. This system contains information from: Facility, Waste Management Unit, SWAT Program and Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA and RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).



**LUST-REG
SRC#: 108**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 6 Leaking Underground Storage Tanks was July, 2001.

This database is provided by the Lahontan Region Six South Lake Tahoe. The agency may be contacted at: 530-542-5400.

**LUST-REG
SRC#: 109**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 7 Leaking Underground Storage Tanks was October, 2001.

This database is provided by the Regional Water Quality Control Board, Region #7. The agency may be contacted at: 760-346-7491.

**LUST-REG
SRC#: 120**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 9 Leaking Underground Storage Tanks was March, 2001.

This database is provided by the Regional Water Quality Control Board, Region #9. The agency may be contacted at: 619-467-2980.

**LUST-CO-SD
SRC#: 134**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was September, 2001.

This database is provided by the San Diego County Dept. of Health Services. It contains information concerning any sites which fall under the jurisdiction of this agency. Cases classified as Releases appear under "County Lust" in this report regardless of the "Cause" or "Case Type". Sites classified as USTs appear under "County UST", and Solid Waste facilities appear under "County SWLF". Sites with violation and/or disclosure information are reported under "SDC Site" in this VISTA report.

**LUST
SRC#: 164**

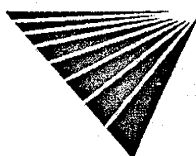
VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Leaking Underground Storage Tank Information System was August, 2001.

This database is provided by the California Environmental Protection Agency. The agency may be contacted at: 916-341-5740.

**NPLLNS
SRC#: 1303**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Federal Superfund Liens was October, 1991.

This historical database has information on liens filed against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability.



**CORTESE
SRC#: 53**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Cortese List - Hazardous Waste Substance Site List was April, 1998.

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials. The agency may be contacted at: 916-445-6532. The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section 65962.5. This database (CORTESE) is based on input from the following: (1)CALSITES-Department of Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board; (6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air; (9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers); (12)WB-LF-Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

**BORDER-ZON
SRC#: 46**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Deed Restriction Properties Report was October, 2001.

The Deeds Restrictions list, also known as the Border Zone Property List, contains information concerning voluntary deed restriction. These agreements are made with owners of property who propose building residences, schools, hospitals, or day care centers on property that is on or within 2,000 feet of potentially hazardous waste site.

**TOXICPITS
SRC#: 49**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Toxic Pits was February, 1995.

This database is provided by the Water Quality Control Board, Division of Loans Grants. The agency may be contacted at: 916-227-4396.

**USGS-WELLS
SRC#: 3**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for USGS Water Wells was March, 1998.

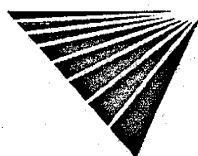
The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database contains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used or documented during research.

C) DATABASES SEARCHED TO 1/4 MILE

**RCRIS-VIOL
SRC#: 11**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for RCRIS Facilities with Violations was August, 2001.

The Resource Conservation and Recovery Act Information System (RCRIS) identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Violations report contains information concerning facilities that have been cited for violations of RCRA, as well as any enforcement actions taken against the facility.



**UST
SRC#: 45**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tanks was January, 1994.

This historical database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks. Please refer to the local level UST list for more current information. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.

**UST-CO-SD
SRC#: 133**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was December, 1999.

This database is provided by the San Diego County Dept. of Health Services. It contains information concerning any sites which fall under the jurisdiction of this agency. Cases classified as Releases appear under "County Lust" in this report regardless of the "Cause" or "Case Type". Sites classified as USTs appear under "County UST", and Solid Waste facilities appear under "County SWLF". Sites with violation and/or disclosure information are reported under "SDC Site" in this VISTA report.

**UST-CO-SD
SRC#: 136**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was September, 2001.

This database is provided by the San Diego County Department of Health Services. The agency may be contacted at: 619-338-2268. Be advised: Many states do not require registration of heating oil tanks, especially those used for residential purposes.

**AST
SRC#: 60**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Aboveground Storage Tanks was January, 2001.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-227-4364.

**TRIS
SRC#: 2**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Toxic Release Inventory System was January, 1998.

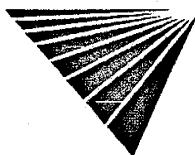
All facilities that manufacture, process, or import toxic chemicals in quantities in excess of 25,000 pounds per year are required to register with the EPA under Section 313 of the Superfund Amendments and Reauthorization Act (SARA Title III) of 1986. Data contained in the TRIS system covers approximately 20,000 sites and 75,000 chemical releases.

D) DATABASES SEARCHED TO 1/8 MILE

**ERNS
SRC#: 8**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for Emergency Response Notification System was December, 2000.

ERNS is a national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party.



RCRA-LQG
SRC#: 16

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Large Quantity Generators was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRIS-SQG
SRC#: 15

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Small Quantity Generators was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small Quantity Generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

SPILLS
SRC#: 69

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for Region 9 SLIC Listing was March, 1994.

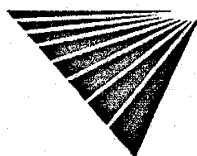
This database is provided by the Regional Water Quality Control Board, Region #9. The agency may be contacted at: 619-467-2980.

HE17
SRC#: 132

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was September, 2001.

The HE-17 database contains information concerning any site regulated by the San Diego County Department of Health Services. Cases classified as releases appear under "County LUST" in this report regardless of the cause or case type. Sites classified as UST's appear under "County UST", and solid waste facilities appear under "County SWLF".

End of Report



For more information call VISTAinfo at 1 - 800 - 767 - 0403.
Report ID: 011112001
Version 2.7

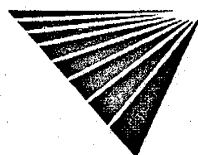
Date of Report: November 30, 2001
Page #53

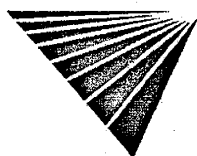
GeoSoils, Inc.

SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

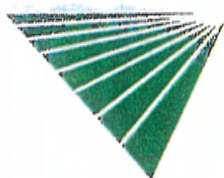
PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: E3176-SC HEWLETT PACKARD - SOUTH I-15 & HWY 76 PALA MESA, CA 92028 Latitude/Longitude: (33.341500, 117.155200)	MR. BRUCE TABB ENVIRONMENTAL DEVELOPMENT, LTD 402 W. BROADWAY, ST. 2175 SAN DIEGO, CA 92101

Site Distribution Summary			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency / Database - Type of Records						
A) Databases searched to 1 mile:						
US EPA	NPL	National Priority List	0	0	0	0
US EPA	CORRACTS	RCRA Corrective Actions (w/o TSD)	0	0	0	0
US EPA	TSD	RCRA Corrective Actions and associated TSD	0	0	0	0
STATE	SPL	State equivalent priority list	0	0	0	0
B) Databases searched to 1/2 mile:						
STATE	SCL	State equivalent CERCLIS list	0	0	0	-
US EPA	CERCLIS / NFRAP	Sites currently or formerly under review by US EPA	0	0	0	-
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE REG CO	LUST	Leaking Underground Storage Tanks	0	0	0	-
STATE/ REG/CO	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
STATE	DEED RSTR	Sites with deed restrictions	0	0	0	-
STATE	CORTESE	State index of properties with hazardous waste	0	0	0	-
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
USGS/STAT	WATER WELLS	Federal and State Drinking Water Sources	18	8	13	-
C) Databases searched to 1/4 mile:						
US EPA	RCRA Viol	RCRA violations/enforcement actions	0	0	-	-
US EPA	TRIS	Toxic Release Inventory database	0	0	-	-
STATE	UST/AST	Registered underground or aboveground storage tanks	5	1	-	-



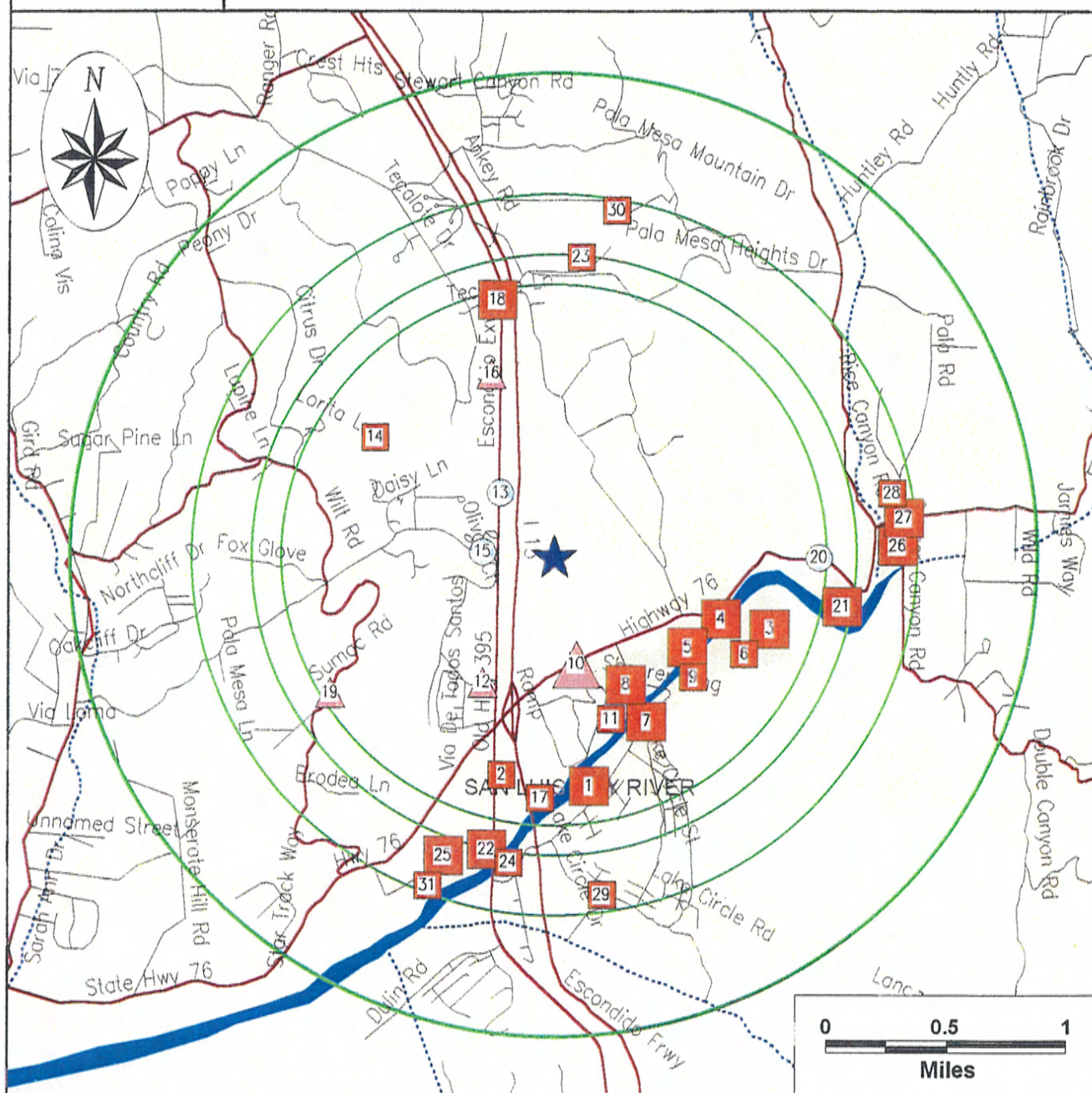
[illegible]

Date of Report: November 12, 2001
Page #2



SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

Map of Sites within One Mile

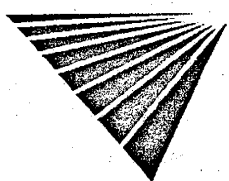


Subject Site	Category:	A	B	C	D
	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
★	Single Sites	◆	■	▲	○
	Multiple Sites	◆	■	▲	○
	Highways and Major Roads	NPL, SPL, CORRACTS (TSD)	CERCLIS, NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS
	Roads				
	Railroads				
	Rivers or Water Bodies				
	Utilities				

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

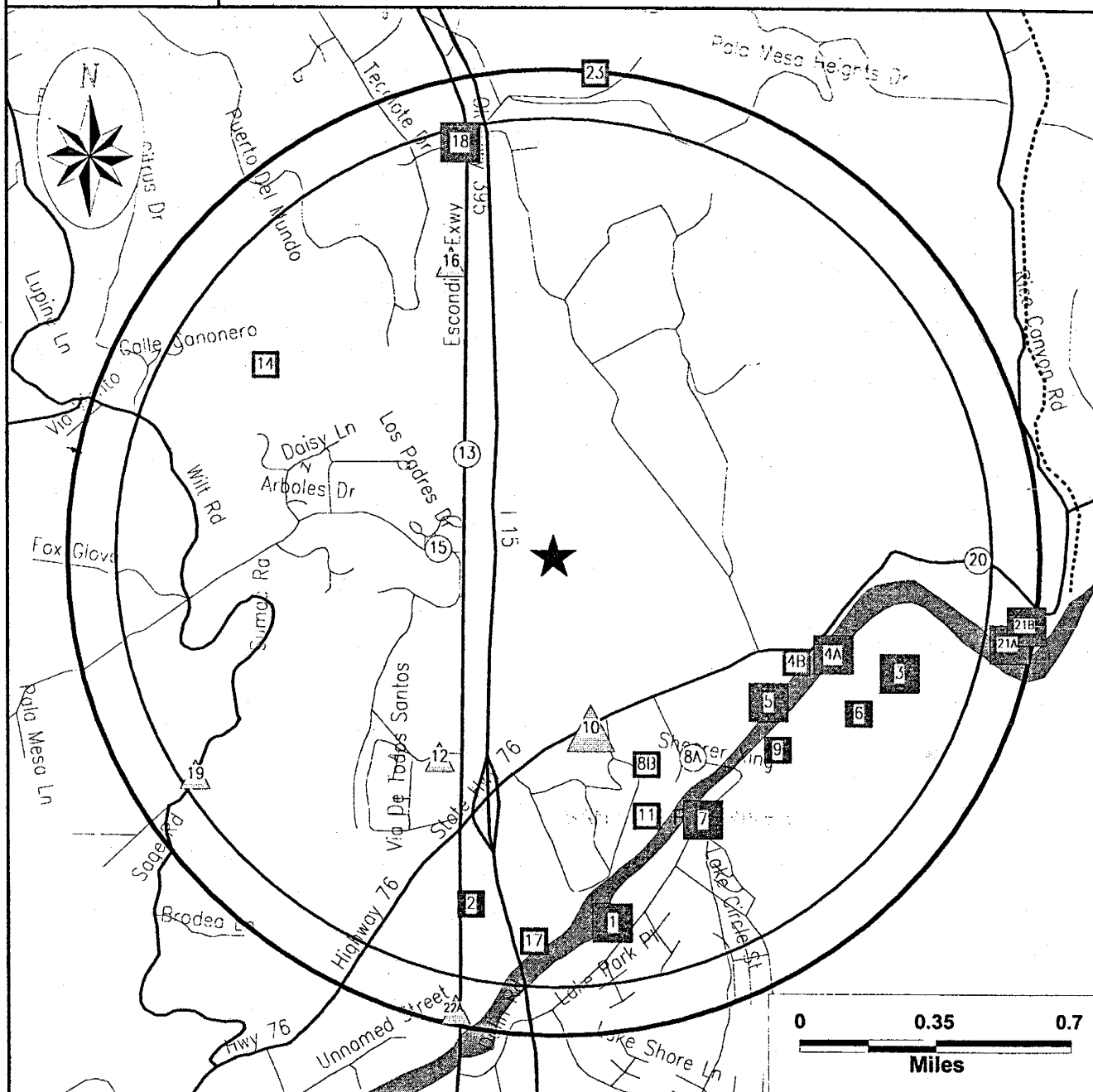
For More Information Call VISTAinfo at 1 - 800 - 767 - 0403
Report ID: 011112002

Date of Report: November 12, 2001



SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

Map of Sites within Quarter Mile



Subject Site	Category:	Databases Searched to:			
		Single Sites			
★	Multiple Sites	A	B	C	D
		1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
		◆	■	▲	○
		◆	■	▲	○
	Highways and Major Roads	NPL, SPL, CORRACTS (TSD)			
	Roads	CERCLIS, NFRAP, TSD, LUST, SWLF, SCL			
	Railroads	RCRA VIOL, TRIS, UST			
	Rivers or Water Bodies	ERNS, GENERATORS			
	Utilities	If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.			

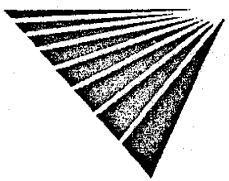
For More Information Call VISTAinfo at 1 - 800 - 767 - 0403

Report ID: 011112002

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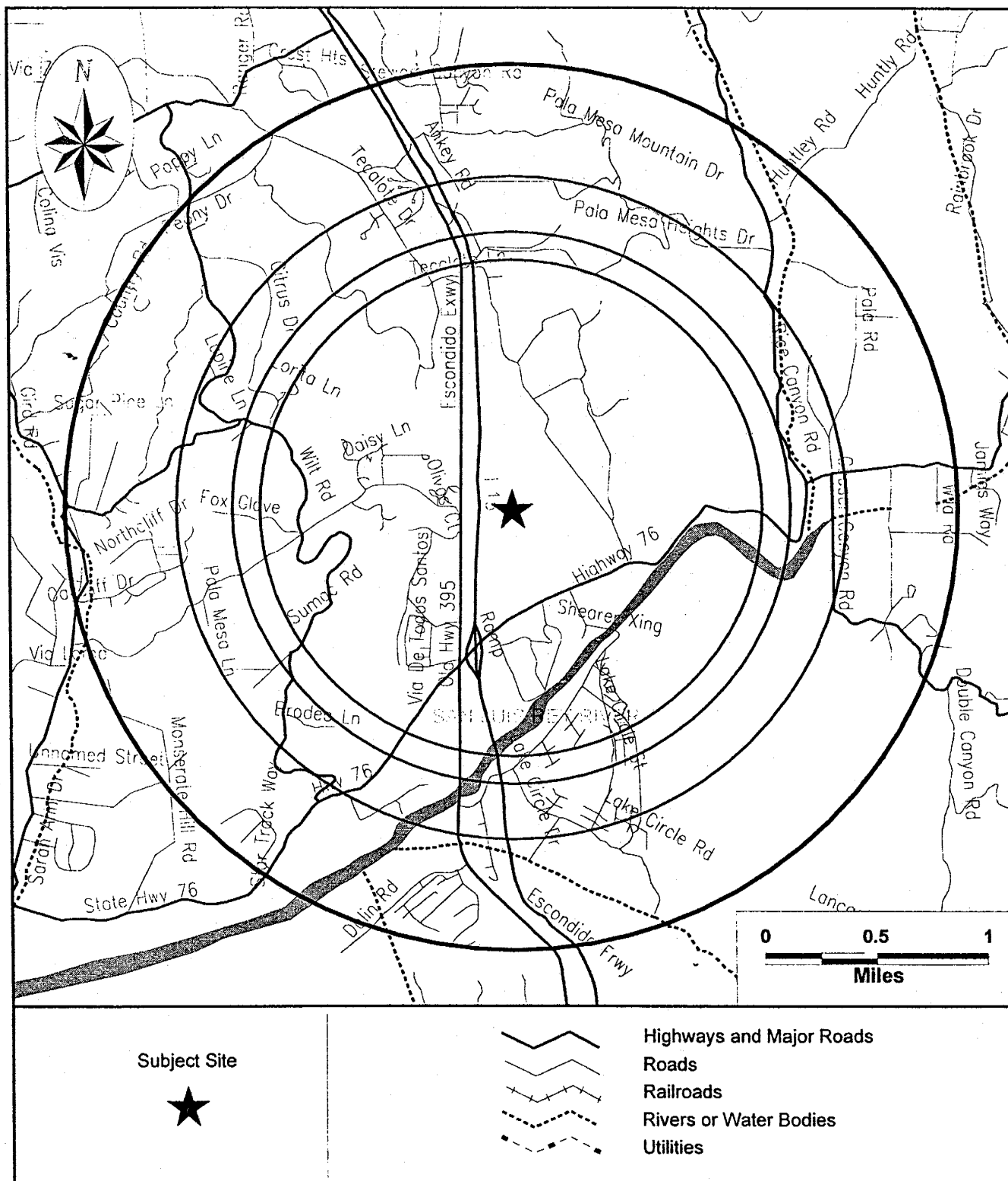
Date of Report: November 12, 2001

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SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

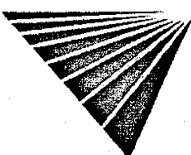
Street Map



SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORTRACTS	TSD CORTRACTS	SPL	SCL	CERCLIS/INFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
1	USGS REPORTED WATER WELL , CA 0	8844339 0.00 MI NA												X								
1	USGS REPORTED WATER WELL , CA 0	8844342 0.00 MI NA												X								
2	USGS REPORTED WATER WELL , CA 0	8844346 0.00 MI NA												X								
3	USGS REPORTED WATER WELL , CA 0	8844428 0.00 MI NA												X								
3	USGS REPORTED WATER WELL , CA 0	8844433 0.00 MI NA												X								
4A	USGS REPORTED WATER WELL , CA 0	8844438 0.00 MI NA												X								
4A	USGS REPORTED WATER WELL , CA 0	8844437 0.00 MI NA												X								
4B	USGS REPORTED WATER WELL , CA 0	8844434 0.00 MI NA												X								
5	USGS REPORTED WATER WELL , CA 0	8844426 0.00 MI NA												X								
5	USGS REPORTED WATER WELL , CA 0	8844420 0.00 MI NA												X								
6	USGS REPORTED WATER WELL , CA 0	8844419 0.00 MI NA												X								
7	USGS REPORTED WATER WELL , CA 0	8844385 0.00 MI NA												X								



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112002

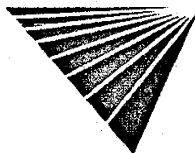
Version 2.7

Date of Report: November 12, 2001

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GeoSoils, Inc.

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
7	USGS REPORTED WATER WELL , CA 0	8844374 0.00 MI NA													X							
8A	PANKEY FARMS 3264 SHEARER CROSSING BONSALL, CA 92003	5445329 0.00 MI NA																				X
8B	USGS REPORTED WATER WELL , CA 0	8844400 0.00 MI NA													X							
9	USGS REPORTED WATER WELL , CA 0	8844406 0.00 MI NA													X							
10	PANKEY RANCH 3328 HY 76 BONSALL, CA 92003	4029928 0.00 MI NA																				X
10	RAINBOW MUNICIPAL WATER DIST. 4555 HIGHWAY 76 FALLBROOK, CA 92028	1200004 0.00 MI NA															X					
11	USGS REPORTED WATER WELL , CA 0	8844384 0.00 MI NA													X							
12	PALA MESA MARKET 4775 VIA BELMONTE FALLBROOK, CA 92028	1237839 0.00 MI NA															X					X
13	DORFMAN CONSTRUCTION CO INC 3707 HY 395 FALLBROOK, CA 92028	3494260 0.00 MI NA																				X
14	USGS REPORTED WATER WELL , CA 0	8844551 0.00 MI NA													X							
15	NORTH COUNTY FIRE PROTECTION#4 4375 PALA MESA DR FALLBROOK, CA 92028	4038161 0.00 MI NA																				X
16	PALA MESA RESORT 2001 S HIGHWAY 395 FALLBROOK, CA 92028	4040955 0.00 MI NA															X					
17	USGS REPORTED WATER WELL , CA 0	8844336 <0.01 MI S													X							
18	PALA MESA RESORT 2001 S HY 395 FALLBROOK, CA 92028	13509967 0.05 MI N															X					X



X = search criteria; • = tag-along (beyond search criteria).

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Report ID: 011112002

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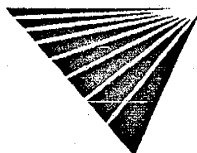
Date of Report: November 12, 2001

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GeoSoils, Inc.

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
19	THOMPSON RANCH 3095 SUMAC RD FALLBROOK, CA 92028	4041906 0.09 MI SW																X				X
20	J W SAND MATERIALS 9101 HY 76 PALA, CA 92059	3494294 0.09 MI E																				X

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
18	USGS REPORTED WATER WELL , CA 0	8844619 0.13 MI N													X							
21A	USGS REPORTED WATER WELL , CA 0	8844442 0.17 MI E													X							
21A	USGS REPORTED WATER WELL , CA 0	8844443 0.17 MI E													X							
21A	USGS REPORTED WATER WELL , CA 0	8844436 0.21 MI E													X							
21A	USGS REPORTED WATER WELL , CA 0	8844441 0.22 MI E													X							
21B	USGS REPORTED WATER WELL , CA 0	8844450 0.21 MI E													X							
21B	USGS REPORTED WATER WELL , CA 0	8844449 0.24 MI E													X							
22A	RAINBOW MUNICIPAL WATER DIST. 3707 S HY 395 FALLBROOK, CA 92028	4041652 0.21 MI S																X				•
23	USGS REPORTED WATER WELL , CA 0	8844639 0.24 MI N													X							



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112002

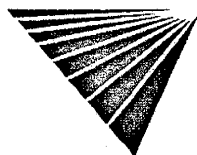
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A				B								C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
22	USGS REPORTED WATER WELL, CA 0	8844305 0.29 MI S													X							
24	USGS REPORTED WATER WELL, CA 0	8844303 0.29 MI S													X							
25	USGS REPORTED WATER WELL, CA 0	8844311 0.32 MI SW													X							
25	USGS REPORTED WATER WELL, CA 0	8844306 0.33 MI SW													X							
26	USGS REPORTED WATER WELL, CA 0	8844479 0.41 MI E													X							
26	USGS REPORTED WATER WELL, CA 0	8844488 0.42 MI E													X							
27	USGS REPORTED WATER WELL, CA 0	8844501 0.41 MI E													X							
27	USGS REPORTED WATER WELL, CA 0	8844507 0.46 MI E													X							
27	USGS REPORTED WATER WELL, CA 0	8844508 0.46 MI E													X							
28	USGS REPORTED WATER WELL, CA 0	8844522 0.41 MI E													X							
29	USGS REPORTED WATER WELL, CA 0	8844285 0.42 MI S													X							
30	USGS REPORTED WATER WELL, CA 0	8844663 0.45 MI N													X							
31	USGS REPORTED WATER WELL, CA 0	8844290 0.46 MI SW													X							



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112002

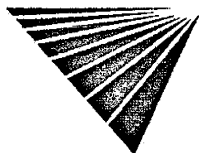
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	A					B							C			D				
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
No Records Found																						



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

Report ID: 011112002

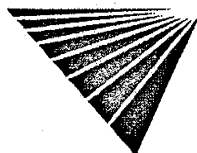
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UNMAPPED SITES	VISTA ID	A				B								C			D				
		NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS	HE17
RANCHO VIEJO PARCEL 1 MONSERATE RANCHO FALLBROOK, CA 92028	6521812								X												X
HEWLETT PACKARD N HIGHWAY 395 FALLBROOK, CA 92028	4823236															X					
PALA INDIAN RESERVATION HIGHWAY 76 NEAR LILAC ROAD PALA, CA 92059	12667324						X														
PALA DRUG LAB PALA, CA 92059	503203474						X														
MISSION INDIAN SANIT LANDFILL P.O. BOX 43 PALA, CA 92059	4823239								X												



X = search criteria; • = tag-along (beyond search criteria).

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GeoSoils, Inc.

SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844339
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		331938117091001	
Well Use Type:		IRRIGATION	
Well Depth:		76.00	
Well Latitude:		33.327222222222	
Well Longitude:		-117.1527777777	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

1

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844342
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		331941117090901	
Well Use Type:		IRRIGATION	
Well Latitude:		33.328055555555	
Well Longitude:		-117.1525	
Well County Fips:		6073	

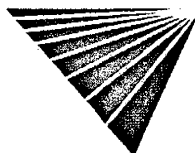
Map ID

1

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844346
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		331942117093201	
Well Depth:		71.00	
Well Latitude:		33.328333333333	
Well Longitude:		-117.1588888888	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

2



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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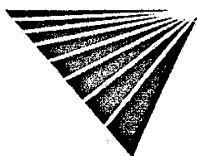
PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844428	Map ID 3
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332012117082301		
Well Latitude:		33.336666666666		
Well Longitude:		-117.1397222222		
Well County Fips:		6073		

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844433	Map ID 3
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332015117082401		
Well Use Type:		IRRIGATION		
Well Latitude:		33.3375		
Well Longitude:		-117.14		
Static Water Level:		43.00		
Date Well Drilled:		01/01/1926		
Well County Fips:		6073		

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844438	Map ID 4A
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332016117083402		
Well Depth:		.00		
Well Latitude:		33.337777777777		
Well Longitude:		-117.1427777777		
Well County Fips:		6073		
Fields Not Reported by the Source		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		
Agency for this Site:				

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844437	Map ID 4A
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332016117083401		
Well Latitude:		33.337777777777		
Well Longitude:		-117.1427777777		
Well County Fips:		6073		



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844434
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

4B

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332015117084001
 Well Latitude: 33.3375
 Well Longitude: -117.144444444
 Well County Fips: 6073

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844426
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

5

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332011117084501
 Well Use Type: UNUSED
 Well Depth: 76.00
 Well Latitude: 33.336388888888
 Well Longitude: -117.145833333
 Static Water Level: 53.00
 Well County Fips: 6073

Fields Not Reported by the Source Agency for this Site: Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844420
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

5

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332008117084401
 Well Use Type: IRRIGATION
 Well Depth: 88.00
 Well Latitude: 33.335555555555
 Well Longitude: -117.145555555
 Well County Fips: 6073

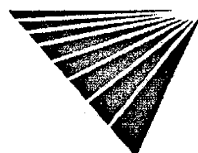
Fields Not Reported by the Source Agency for this Site: Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844419
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

6

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332008117083001
 Well Latitude: 33.335555555555



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Well Longitude: -117.141666666
Well County Fips: 6073

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844385
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

7

Agency Address: SAME AS ABOVE
Facility State: CA
Well ID: 331955117085501
Well Use Type: IRRIGATION
Well Depth: 77.00
Well Latitude: 33.331944444444
Well Longitude: -117.1486111111
Date Well Drilled: 01/01/1963
Well County Fips: 6073
Fields Not Reported by the Source Agency for this Site: Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844374
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

7

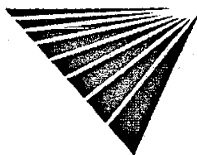
Agency Address: SAME AS ABOVE
Facility State: CA
Well ID: 331952117085501
Well Use Type: IRRIGATION
Well Depth: 100.0
Well Latitude: 33.331111111111
Well Longitude: -117.1486111111
Well County Fips: 6073
Fields Not Reported by the Source Agency for this Site: Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	PANKEY FARMS 3264 SHEARER CROSSING BONSALL, CA 92003	VISTA ID#:	5445329
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H99519

Map ID

8A

Agency Address: SAME AS ABOVE
Permit No: H99519
Name: PANKEY FARMS
Address: 3264 SHEARER CROSSING
BONSALL
CA
92003
2316
Inventory Item No: D002
Chemical Name: DIESEL
CAS No: 68476-34-6



*VISTA address includes enhanced city and ZIP.

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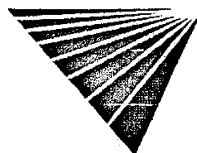
PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Qty Stored at one Time:	13000.00
Annual Qty:	10000.00
Units:	GAL
Storage Methods:	ABVGR TNK,STEEL 5001-10000 G
1st Hazard Category:	FIRE HAZARD
2nd Hazard Category:	IMMED HEALTH HAZRD
Inventory Item No:	D001
Chemical Name:	PROPANE (2X1150)
CAS No:	74-98-6
Qty Stored at one Time:	2300.00
Annual Qty:	1500.00
Units:	GAL
Storage Methods:	ABVGR TNK,STEEL 1001-5000 G
1st Hazard Category:	FIRE HAZARD
2nd Hazard Category:	SUDDN RLSE OF PRES
Business Code Desc:	GENERAL FARMING
Permit Exp Date:	0000
Phone:	(619)728-0270
Owner Name:	VIC PANKEY
Establishment Address:	3264 SHEARER CROSSING BONSALL CA 92003 2316 NORTH COUNTY FPD
Fire Dept Dist Name:	
Census Tract No:	19101
Inspection Date:	10/01/1996 0:00:00
Reinspection Date:	OCT 1997
Inspector Name:	WINANS
Contact:	VIC PANKEY
Last Update:	03/30/1998 0:00:00
Fields Not Reported by the Source Agency for this Site:	Inactive Indicator(1), SIC(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Owner Name(1), Owner Address(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844400
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332001117090401		
Well Latitude:	33.333611111111		
Well Longitude:	-117.1511111111		
Well County Fips:	6073		

Map ID

8B



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844406
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

9

Agency Address: SAME AS ABOVE
 Facility State: CA
 Well ID: 332003117084301
 Well Latitude: 33.334166666666
 Well Longitude: -117.1452777777
 Well County Fips: 6073

VISTA Address*:	PANKEY RANCH 5328 HY 76 BONSALL, CA 92003	VISTA ID#:	4029928
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H20024

Map ID

10

Agency Address: PANKEY RANCH
 5328 HY 76
 FALLBROOK, CA 92028
 Permit No: H20024
 Name: PANKEY RANCH
 Address: 5328 HY 76
 FALLBROOK
 CA
 92028
 Business Code Desc: GENERAL FARMING
 Permit Exp Date: 0630
 Phone: (760)728-9566
 Owner Name: PANKEY RANCH
 Establishment Address: 5328
 HY 76
 FALLBROOK
 CA
 92003
 2306
 Fire Dept Dist Name: NORTH COUNTY FPD
 Census Tract No: 19000
 EPA ID: CAL000030668
 Inspection Date: 04/18/2000 0:00:00
 Reinspection Date: JUN 2001
 Inspector Name: BODENHAMER
 Contact: BILL PANKEY
 Owner Address: 5328
 HY 76
 BONSALL
 CA
 92003
 Tank Owner Name: PANKEY RANCH
 Tank Owner Address: 5328
 HY 76



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

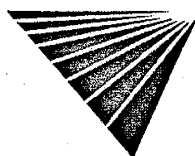
	BONSALL
	CA
	92003
Last Update:	05/20/2001 0:00:00
Inspection Date:	11/14/1995 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION
No of Occurrences:	03
Violation:	HAZARDOUS WASTE IS STORED IN EXCESS OF ALLOWABLE TIME PERIOD WITHOUT A STATE PERMIT OR WRITTEN VARIANCE CCR 66262.34
Inspection Date:	11/14/1995 0:00:00
Violation Item No:	V002
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	HAZARDOUS WASTE CONTAINERS ARE MISSING LABELS, ACCUMULATION DATE AND/OR ARE IMPROPERLY LABELED CCR 66262.34
Inspection Date:	11/14/1995 0:00:00
Violation Item No:	V003
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	USED OIL FILTERS NOT PROPERLY DRAINED, STORED, OR LABELED PRIOR TO TRANSPORT FOR THE PURPOSE OF METAL RECLAMATION. CCR 66266.130
Inspection Date:	04/18/2000 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	PERSONNEL TRAINING RECORDS TO SHOW THAT PERSONNEL HAVE RECEIVED INITIAL AND ANNUAL REFRESHER TRAINING. CCR 2732(B)
Fields Not Reported by the Source Agency for this Site:	Inactive Indicator(1), SIC(1), Status(1), Establishment Name(1), Notice of Violation Issued(1), Owner Name(1), Status Desc(1), Tank Substance Stored Desc(1), Delinquent Comment(1), Delinquent Flag(1), Waste Code(1)

VISTA Address*:	RAINBOW MUNICIPAL WATER DIST. 4555 HIGHWAY 76 FALLBROOK, CA 92028	VISTA ID#:	1200004
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A

Map ID

10

Agency Address:	SAME AS ABOVE
Facility Name:	RAINBOW MUNICIPAL WATER DIST.
Facility Address:	4555 HIGHWAY 76 FALLBROOK, CA 92028
Facility County:	37000
Total Underground Tanks:	2
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	2
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	550 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
Tank ID #:	T001U
Tank Contents:	LEADED GAS
Tank Age:	0
Tank Capacity:	550 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844384
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

11

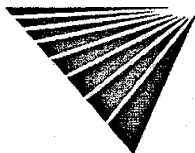
Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331954117090401
Well Use Type:	UNUSED
Well Depth:	72.00
Well Latitude:	33.331666666666
Well Longitude:	-117.1511111111
Static Water Level:	49.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	PALA MESA MARKET 4775 VIA BELMONTE FALLBROOK, CA 92028	VISTA ID#:	1237839
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A

Map ID

12

Agency Address:	SAME AS ABOVE
Facility Name:	PALA MESA MARKET
Facility Address:	4775 VIA BELMONTE FALLBROOK, CA 92028
Facility County:	37000
Total Underground Tanks:	3
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	0
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	10000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS



* VISTA address includes enhanced city and ZIP.

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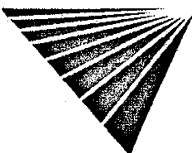
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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID #:	T001U
Tank Contents:	LEADED GAS
Tank Age:	0
Tank Capacity:	10000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
Tank ID #:	T001U
Tank Contents:	LEADED GAS
Tank Age:	0
Tank Capacity:	10000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
HE-17 LSRC# 132	Agency ID: H02715
Agency Address:	SAME AS ABOVE
Permit No:	H02715
Name:	PALA MESA MARKET
Address:	4775 VIA BELMONTE FALLBROOK CA 92028 9382
Inventory Item No:	D001
Chemical Name:	PROPANE
CAS No:	74-98-6
Qty Stored at one Time:	1000.00
Annual Qty:	2000.00
Units:	GAL
Storage Methods:	ABVGR TNK, STEEL 5001-10000 G
1st Hazard Category:	FIRE HAZARD
2nd Hazard Category:	SUDDN RLSE OF PRES
Business Code Desc:	1 WASTE ITEM OR 1 DISC
SIC	5541
Permit Exp Date:	0630
Phone:	(619)728-7873
Owner Name:	HAROLD F JENKINS
Establishment Address:	4775 VIA BELMONTE FALLBROOK CA 92028 9382
Fire Dept Dist Name:	NORTH COUNTY FPD



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Census Tract No:	18800
Inspection Date:	04/14/2000 0:00:00
Reinspection Date:	APR 2002
Inspector Name:	GALLAGHER
Contact:	HAROLD JENKINS
Owner Address	4775 VIA BELMONTE FALLBROOK CA 92028
Tank Owner Name:	HAROLD F JENKINS
Tank Owner Address:	4775 VIA BELMONTE FALLBROOK CA 92028
Last Update:	05/20/2001 0:00:00
Inspection Date:	04/14/2000 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION
No of Occurrences:	02
Violation:	HAZARDOUS MATERIALS HANDLERHAS NOT ESTABLISHED/IMPLEMENTED A BUSINESS PLANHSC 25503.5
Inspection Date:	10/29/1997 0:00:00
Violation Item No:	V002
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	PERSONNEL TRAINING RECORDSTO SHOW THAT PERSONNEL HAVE RECEIVED INITIAL AND ANNUAL REFRESHER TRAINING.CCR 2732(B)
Inspection Date:	04/14/2000 0:00:00
Violation Item No:	V002
Violation Type:	GENERAL VIOLATION
No of Occurrences:	02
Violation:	PERSONNEL TRAINING RECORDSTO SHOW THAT PERSONNEL HAVE RECEIVED INITIAL AND ANNUAL REFRESHER TRAINING.CCR 2732(B)
Inspection Date:	10/29/1997 0:00:00
Violation Item No:	V003
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	UNDERGROUND STORAGE TANK MONITORING/MAINTENANCE/CALIBRATION RECORDS ARE NOT MAINTAINED ON SITE. HSC 25293; CCR 2712(B), 2641(I)
Inspection Date:	10/29/1997 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION
No of Occurrences:	02
Violation:	HAZARDOUS MATERIALS HANDLERHAS NOT ESTABLISHED/IMPLEMENTED A BUSINESS PLANHSC 25503.5
Inspection Date:	01/06/1999 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

No of Occurrences: 01
Violation: BUSINESS PLAN WAS NOT AMENDED WITHIN 30 DAYS FOR A 100% QUANTITY INCREASE, NEW DISCLOSABLE MATERIALS OR A CHANGE IN BUSINESS INFO. HSC 25505

Fields Not Reported by the Source Agency for this Site: Inactive Indicator(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Owner Name(1), Status Desc(1), Tank Substance Stored Desc(1)

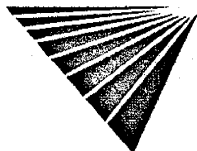
County UST - County Underground Storage Tank / SRC# 133	EPA/Agency ID:	N/A
--	-----------------------	-----

Agency Address: SAME AS ABOVE
Agency ID: H02715
Facility Name: PALA MESA MARKET
Facility Address: 4775 VIA BELMONTE
Facility City: FALLBROOK
Facility State: CA
Facility Zip: 920289382
Total Underground Tanks: 3
Total Aboveground Tanks: NOT REPORTED
Total Tanks Removed: NOT REPORTED
Tank No: T001
Tank Size: 10000.00
Fuel Type: LEADED
Tank Type: SINGLE WALL W/O SECNDRY CNTMNT
Pipe Type: CLOSED BY REMOVAL PRESSURIZE
Tank ID: D
Alternate Monitor: "NOT AVAILABLE"
Year Installed: 1979
Tank No: T002
Tank Size: 10000.00
Fuel Type: DIESEL
Tank Type: SINGLE WALL W/O SECNDRY CNTMNT
Pipe Type: CLOSED BY REMOVAL PRESSURIZE
Tank ID: D
Alternate Monitor: "NOT AVAILABLE"
Year Installed: 1979
Tank No: T003
Tank Size: 10000.00
Fuel Type: REGULAR UNLEADED
Tank Type: SINGLE WALL W/O SECNDRY CNTMNT
Pipe Type: CLOSED BY REMOVAL PRESSURIZE
Tank ID: D
Alternate Monitor: "NOT AVAILABLE"
Year Installed: 1979

Fields Not Reported by the Source Agency for this Site: Epa ID(1), Facility County(1), Test Status(2), Inspection Status(2), Tank Status Date(2)

County UST - County Underground Storage Tank / SRC# 136	Agency ID:	H02715
--	-------------------	--------

Agency Address: SAME AS ABOVE
Establishment Permit ID #: H02715
Establishment Name: PALA MESA MARKET
Establishment Address: 4775 VIA BELMONTE



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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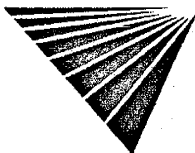
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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

	FALLBROOK, CA 92028
Total Aboveground Tanks:	NOT REPORTED
Total Underground Tanks:	3
Total Tanks Removed:	3
Tank #:	T001
Tank ID #:	1
Tank Capacity (G):	10000.00
Tank Exempt Indicator:	N
Tank Substance:	LEADED
Year Tank Installed:	1979
Tank Primary Material:	CARBON STEEL
Tank System Type:	SINGLE WALL W/O SECNDRY CNTMNT
Tank Interior Lining:	NONE
Tank Monitor Device:	NO TANK MONIT DEV INFO
Tank Test Date:	09/26/1991
Tank Test Status:	TIGHT
Tank Contents CAS Number:	12032
Tank Exterior Corrosion Protection:	NONE
Automatic Tank Gauges:	NO ATGS INFO AVAILABLE
Piping Construction:	SINGLE WALL
Piping Primary Material:	BARE STEEL
Piping System Type:	PRESSURIZED
Piping Monitor Device:	NO PIPE MONIT DEV INFO
Piping Test Date:	09/07/1988
Piping Test Status:	TIGHT
Pressure Pipe Loss Leak Detector Brand:	UNKNOWN
Piping Corrosion Protection:	NONE
Pressure Pipe Loss Leak Detector Type:	RESTRICTIVE
Below Grade Equipment Date:	10/29/1997
Overfill Device Installed:	NONE
Groundwater greater than 20':	Y
Monitoring Alternative:	SW TANK SW PRESSURE PIPEW/ RESTRICTIVE LLD W/ DIROR WG: TANK AND PIPETEST ANNUALLY.
Regulatory Status:	CLOSED BY REMOVAL
Spill Buckets:	2
Waste or Product:	P
Tank #:	T002
Tank ID #:	2
Tank Capacity (G):	10000.00
Tank Exempt Indicator:	N
Tank Substance:	DIESEL
Year Tank Installed:	1979
Tank Primary Material:	CARBON STEEL
Tank System Type:	SINGLE WALL W/O SECNDRY CNTMNT
Tank Interior Lining:	NONE
Tank Monitor Device:	NO TANK MONIT DEV INFO
Tank Test Date:	09/26/1991



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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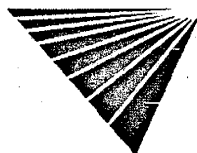
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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank Test Status:	TIGHT
Tank Contents CAS Number:	12033
Tank Exterior Corrosion Protection:	NONE
Automatic Tank Gauges:	NO ATGS INFO AVAILABLE
Piping Construction:	SINGLE WALL
Piping Primary Material:	BARE STEEL
Piping System Type:	PRESSURIZED
Piping Monitor Device:	NO PIPE MONIT DEV INFO
Piping Test Date:	09/07/1988
Piping Test Status:	TIGHT
Pressure Pipe Loss Leak Detector Brand:	NO PPLD BRAND INFO
Piping Corrosion Protection:	NONE
Pressure Pipe Loss Leak Detector Type:	RESTRICTIVE
Below Grade Equipment Date:	10/29/1997
Overfill Device Installed:	NO OVERFILL INFORMATION
Groundwater greater than 20':	Y
Monitoring Alternative:	SW TANK SW PRESSURE PIPEW/ RESTRICTIVE LLD W/ DIROR WG: TANK AND PIPETEST ANNUALLY.
Regulatory Status:	CLOSED BY REMOVAL
Spill Buckets:	2
Waste or Product:	P
Tank #:	T003
Tank ID #:	3
Tank Capacity (G):	10000.00
Tank Exempt Indicator:	N
Tank Substance:	REGULAR UNLEADED
Year Tank Installed:	1979
Tank Primary Material:	CARBON STEEL
Tank System Type:	SINGLE WALL W/O SECNDRY CNTMNT
Tank Interior Lining:	NONE
Tank Monitor Device:	NO TANK MONIT DEV INFO
Tank Test Date:	09/26/1991
Tank Test Status:	TIGHT
Tank Contents CAS Number:	12031
Tank Exterior Corrosion Protection:	NONE
Automatic Tank Gauges:	NO ATGS INFO AVAILABLE
Piping Construction:	SINGLE WALL
Piping Primary Material:	BARE STEEL
Piping System Type:	PRESSURIZED
Piping Monitor Device:	NO PIPE MONIT DEV INFO
Piping Test Date:	09/07/1988
Piping Test Status:	TIGHT
Pressure Pipe Loss Leak Detector Brand:	RED JACKET DLD, XLD, OR XLP
Piping Corrosion Protection:	NONE
Pressure Pipe Loss Leak Detector Type:	RESTRICTIVE
Below Grade Equipment Date:	10/29/1997
Overfill Device Installed:	NONE



* VISTA address includes enhanced city and ZIP.

For more information call VISTainfo at 1 - 800 - 767 - 0403.

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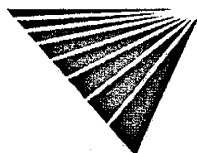
PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Groundwater greater than 20':	Y
Monitoring Alternative:	SW TANK SW PRESSURE PIPEW/ RESTRICTIVE LLD W/ DIROR WG: TANK AND PIPETEST ANNUALLY.
Regulatory Status:	CLOSED BY REMOVAL
Spill Buckets:	2
Waste or Product:	P
Business Code Description:	1 WASTE ITEM OR 1 DISC
SIC #:	5541
Permit Annual Expiration Date:	JUN 30
Business Phone #:	(619)728-7873
Owner Name:	HAROLD F JENKINS
Mailing Address:	4775 VIA BELMONTE FALLBROOK, CA 92028
Corporate Code:	97
Fire District Name:	NORTH COUNTY FPD
Inspection Date:	04/14/2000 0:00:00
Reinspection Date:	APR 2002
Inspector Name:	GALLAGHER
Site Contact:	HAROLD JENKINS
Property Owner Street Number:	4775 VIA BELMONTE FALLBROOK, CA 92028
Tank Owner:	HAROLD F JENKINS
Tank Owner Street Number:	4775 VIA BELMONTE FALLBROOK, CA 92028
Fields Not Reported by the Source Agency for this Site:	Tank Content Chemical Name(1), 1998 Upgrade(2), Hazard Category 1(3), Hazard Category 2(3), Manufacturing Code(3), MSDS Indicator(3), Regulatory Status(4), Tank Content Chemical Name(1), Inactive Indicator(1), Second Establishment Name(1), EPA ID #(1), Gas Station(1), Notice of Violation Issued(1), Property Owner(1)

VISTA Address*:	DORFMAN CONSTRUCTION CO INC 3707 HY 395 FALLBROOK, CA 92028	VISTA ID#:	3494260
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H29158
Agency Address:	SAME AS ABOVE		
Permit No:	H29158		
Name:	DORFMAN CONSTRUCTION CO INC		
Address:	3707 HY 395 FALLBROOK CA 92028 9780		
Inactive Indicator	1		
Permit Exp Date:	0731		
Phone:	() -		
Owner Name:	DORFMAN CONSTRUCTION CO INC		

Map ID

13



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Establishment Address:	5525 OAKDALE AV BLDG/STE:#150 WOODLAND HILLS CA 91364 2614
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Tract No:	18803
Inspection Date:	05/04/1989 0:00:00
Reinspection Date:	MAY 1990
Inspector Name:	GALLAGHER
Last Update:	07/24/1998 0:00:00
Fields Not Reported by the Source Agency for this Site:	Business Code Desc(1), SIC(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Contact(1), Owner Name(1), Owner Address(1), (1), Tank Owner Name(1), Tank Owner Address(1), (1), Status Desc(1), Tank Substance Stored Desc(1), Delinquent Comment(1), Delinquent Flag(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844551
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

Map ID

14

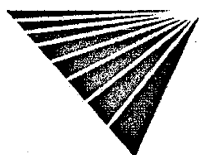
Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332055117100501
Well Latitude:	33.348611111111
Well Longitude:	-117.16805555555
Static Water Level:	7.00
Well County Fips:	6073

VISTA Address*:	NORTH COUNTY FIRE PROTECTION#4 4375 PALA MESA DR FALLBROOK, CA 92028	VISTA ID#:	4038161
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H33261

Map ID

15

Agency Address:	SAME AS ABOVE
Permit No:	H33261
Name:	NORTH COUNTY FIRE PROTECTION#4
Address:	4375 PALA MESA DR FALLBROOK CA 92028
Inactive Indicator	1
Business Code Desc	1 WASTE ITEM OR 1 DISC
Permit Exp Date:	1031
Phone:	(619)723-2005
Owner Name:	NORTH COUNTY FIRE PROTECTION#4
Establishment Address:	315 E IVY ST



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

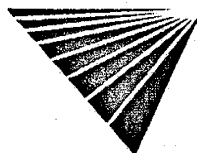
	FALLBROOK
	CA
	92028
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Tract No:	18802
Inspection Date:	12/13/1995 0:00:00
Reinspection Date:	DEC 1996
Inspector Name:	GOHRES
Contact	RALPH STEINHOFF
Delinquent Comment	INACTIVATED-11-13-96CB
Last Update:	08/05/1998 0:00:00
Fields Not Reported by the Source Agency for this Site:	SIC(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Owner Name(1), Owner Address(1), (1), Tank Owner Name(1), Tank Owner Address(1), (1), Status Desc(1), Tank Substance Stored Desc(1), Delinquent Flag(1)

VISTA Address*:	PALA MESA RESORT 2001 S HIGHWAY 395 FALLBROOK, CA 92028	VISTA ID#:	4040955
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A

Map ID

16

Agency Address:	SAME AS ABOVE
Facility Name:	PALA MESA RESORT
Facility Address:	2001 S HIGHWAY 395 FALLBROOK, CA 92028
Facility County:	37000
Total Underground Tanks:	3
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	1
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	550 GALLONS
Tank Status:	CLOSED .REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
Tank ID #:	T001U
Tank Contents:	LEADED GAS
Tank Age:	0
Tank Capacity:	2000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	1000 GALLONS



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	OTHER DESCRIPTIONS

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844336
		Distance/Direction:	<0.01 MI / S
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

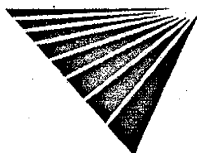
Map ID
17

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331937117092201
Well Use Type:	IRRIGATION
Well Latitude:	33.326944444444
Well Longitude:	-117.1561111111
Well County Fips:	6073

VISTA Address*:	PALA MESA RESORT 2001 S HY 395 FALLBROOK, CA 92028	VISTA ID#:	13509967
		Distance/Direction:	0.05 MI / N
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H20406

Map ID
18

Agency Address:	SAME AS ABOVE
Permit No:	H20406
Name:	PALA MESA RESORT
Address:	2001 S HY 395 FALLBROOK CA 92028 9653
Inventory Item No:	D002
Chemical Name:	PROPANE
CAS No:	74-98-6
Qty Stored at one Time:	300.00
Annual Qty:	300.00
Units:	GAL
Storage Methods:	ABVGR TNK, STEEL 10-1000 G
1st Hazard Category:	FIRE HAZARD
2nd Hazard Category:	IMMED HEALTH HAZRD
Inventory Item No:	D003
Chemical Name:	DIESEL FUEL
CAS No:	68476-85-7
Qty Stored at one Time:	500.00
Annual Qty:	3000.00
Units:	GAL
Storage Methods:	ABVGR TNK, NOT STL 10-1000 G
1st Hazard Category:	FIRE HAZARD
2nd Hazard Category:	IMMED HEALTH HAZRD
Inventory Item No:	D006



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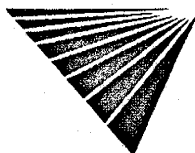
Date of Report: November 12, 2001

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Chemical Name:	UNLEADED
CAS No:	8006-61-9
Qty Stored at one Time:	500.00
Annual Qty:	6000.00
Units:	GAL
Storage Methods:	ABVGR TNK,NOT STL 10-1000 G
1st Hazard Category:	FIRE HAZARD
2nd Hazard Category:	IMMED HEALTH HAZRD
Inventory Item No:	D008
Chemical Name:	MISC OILS
CAS No:	8002-05-9
Qty Stored at one Time:	150.00
Annual Qty:	300.00
Units:	GAL
Storage Methods:	ABVGR TNK,STEEL 10-1000 G
1st Hazard Category:	IMMED HEALTH HAZRD
Business Code Desc	LANDSCAPE MAINTENANCE
Permit-Exp Date:	0630
Phone:	(760)728-5881
Owner Name:	TRIPLE TREE RESORTS
Establishment Address:	2001
	S
	OLD HY 395
	BLDG/STE: 1300
	FALLBROOK
	CA
	92028
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Tract No:	18802
EPA ID	CAL000012036
Inspection Date:	08/29/2000 0:00:00
Reinspection Date:	OCT 2001
Inspector Name:	GRIFFITH
Contact	KEVIN KIENAST
Owner Name	NORTH AMERICAN RESORTS
Owner Address	2001
	S
	HY 395
	FALLBROOK
	CA
	92028
Tank Owner Name	NORTH AMERICAN RESORTS
Tank Owner Address	2001
	S
	HY 395



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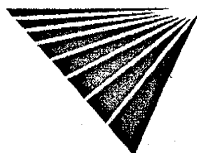
Date of Report: November 12, 2001

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

FALLBROOK	
CA	
92028	
Last Update:	05/27/2001 0:00:00
Inspection Date:	06/19/1997 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	DISPOSAL OR CAUSING THE DISPOSAL OF HAZARDOUS WASTE TO AN UNAUTHORIZED POINT(GROUND, STORM DRAIN, SEWER SYSTEM, TRASH OR AIR) HSC 25189.5
Inspection Date:	06/29/1999 0:00:00
Violation Item No:	V001
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	HAZARDOUS WASTE CONTAINERS ARE NOT KEPT CLOSED WHILE INSTORAGE NOT REPORTED CCR 66265.173
Inspection Date:	06/19/1997 0:00:00
Violation Item No:	V002
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	BUSINESS PLAN WAS NOT AMENDED WITHIN 30 DAYS FOR A 100% QUANTITY INCREASE, NEW DISCLOSABLE MATERIALS OR A CHANGE IN BUSINESS INFO. HSC 25505
Inspection Date:	06/29/1999 0:00:00
Violation Item No:	V002
Violation Type:	GENERAL VIOLATION
No of Occurrences:	01
Violation:	FACILITY IS NOT DESIGNED/CONSTRUCTED/OPERATED IN A MANNER WHICH WILL MINIMIZE THE RELEASE OF HAZARDOUS WASTE TO THE ENVIRONMENT CCR 66265.51
Fields Not Reported by the Source Agency for this Site:	2nd Hazard Category(1), Inactive Indicator(1), SIC(1), Status(1), Establishment Name(1), Notice of Violation Issued(1), Status Desc(1), Tank Substance Stored Desc(1), Delinquent Comment(1), Delinquent Flag(1), Waste Code(1)
County UST - County Underground Storage Tank / SRC# 133	EPA/Agency ID: N/A
Agency Address:	SAME AS ABOVE
Agency ID:	H20406
Epa ID	CAL000012036
Facility Name:	PALA MESA RESORT
Facility Address:	2001 S HY 395
Facility City:	FALLBROOK
Facility State:	CA
Facility Zip:	920289653
Total Underground Tanks:	1
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	NOT REPORTED
Tank No:	T003
Tank Size:	550.00
Fuel Type:	REGULAR UNLEADED
Tank Type:	SINGLE WALL W/O SECNDRY CNTMNT
Pipe Type:	CLOSED BY REMOVAL PIPE TYPE
Tank ID:	NOT AVAILA



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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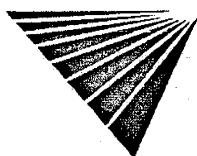
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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Alternate Monitor:	"UNKNOWN"		
Year Installed:	1980		
Fields Not Reported by the Source	Facility County(1), Test Status(1), Inspection Status(1), Tank Status Date(1)		
Agency for this Site:			
County UST - County Underground Storage Tank / SRC# 136	Agency ID:	H20406	
Agency Address:	SAME AS ABOVE		
Establishment Permit ID #:	H20406		
Establishment Name:	PALA MESA RESORT		
Establishment Address:	2001 S HY 395 FALLBROOK, CA 92028		
Total Aboveground Tanks:	NOT REPORTED		
Total Underground Tanks:	1		
Total Tanks Removed:	1		
Tank #:	T003		
Tank ID #:	AT2133		
Tank Capacity (G):	550.00		
Tank Exempt Indicator:	N		
Tank Substance:	REGULAR UNLEADED		
Year Tank Installed:	1980		
Tank Primary Material:	CARBON STEEL		
Tank System Type:	SINGLE WALL W/O SECNDRY CNTMNT		
Tank Interior Lining:	NO SECONDARY TANK MTRL INFO		
Tank Monitor Device:	NO TANK MONIT DEV INFO		
Tank Test Date:	08/27/1994		
Tank Test Status:	INVALID CODE		
Tank Exterior Corrosion Protection:	NO EXTERIOR CORR PROT INFO		
Automatic Tank Gauges:	NO ATGS INFO AVAILABLE		
Piping Construction:	NO PIPE CONSTRUCTION INFO		
Piping Primary Material:	NO PRIMARY PIPE MATERIAL INFO		
Piping System Type:	PIPE TYPE		
Piping Monitor Device:	NO PIPE MONIT DEV INFO		
Piping Test Date:	01/01/2001		
Piping Test Status:	INVALID CODE		
Pressure Pipe Loss Leak Detector Brand:	NO PPLD BRAND INFO		
Piping Corrosion Protection:	NO PIPE PROTECTION INFO		
Pressure Pipe Loss Leak Detector Type:	NO PPLD TYPE INFO		
Overfill Device Installed:	NO OVERFILL INFORMATION		
Groundwater greater than 20':	N		
Monitoring Alternative:	NO MONITORING ALTERNATIVESELECTED. VERIFY AND ENTER MONITORING ALTERNATIVEDURING INSPECTION.		
Regulatory Status:	CLOSED BY REMOVAL		
Waste or Product:	P		
Business Code Description:	LANDSCAPE MAINTENANCE		
Permit Annual Expiration Date:	JUN 30		
Business Phone #:	(760)728-5881		
Owner Name:	TRIPLE TREE RESORTS		



* VISTA address includes enhanced city and ZIP.

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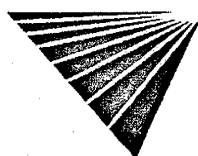
Mailing Address:	2001 S OLD HY 395 1300 FALLBROOK, CA 92028
Corporate Code:	97
Fire District Name:	NORTH COUNTY FPD
EPA ID #	CAL000012036
Inspection Date:	08/29/2000 0:00:00
Reinspection Date:	OCT 2001
Inspector Name:	GRIFFITH
Site Contact:	KEVIN KIENAST
Property Owner	NORTH AMERICAN RESORTS
Property Owner Street Number:	2001 S HY 395 FALLBROOK, CA 92028
Tank Owner:	NORTH AMERICAN RESORTS
Tank Owner Street Number:	2001 S HY 395 FALLBROOK, CA 92028
Fields Not Reported by the Source Agency for this Site:	Tank Contents CAS Number(1), Tank Content Chemical Name(1), 1998 Upgrade(1), Below Grade Equipment Date(1), Hazard Category 1(1), Hazard Category 2(1), Manufacturing Code(1), MSDS Indicator(1)

VISTA Address*:	THOMPSON RANCH 3095 SUMAC RD FALLBROOK, CA 92028	VISTA ID#:	4041906
		Distance/Direction:	0.09 MI / SW
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H32267

Map ID

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Agency Address:	SAME AS ABOVE
Permit No:	H32267
Name:	THOMPSON RANCH
Address:	3095 SUMAC RD FALLBROOK CA 92028
Inactive Indicator	1
Permit Exp Date:	1031
Phone:	() -
Owner Name:	THOMPSON RANCH
Establishment Address:	2454 GLENDOWER AV LOS ANGELES CA 90027
Fire Dept Dist Name:	NORTH COUNTY FPD
Census Track No:	18802
Contact	JOY A THOMPSON
Delinquent Comment	SEE COMMENTS
Last Update:	08/05/1998 0:00:00



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

**Fields Not Reported by the Source
Agency for this Site:**

*Business Code Desc(1), SIC(1), Status(1), Establishment Name(1), EPA ID(1),
Inspection Date(1), Reinspection Date(1), Inspector Name(1), Notice of Violation
Issued(1), Owner Name(1), Owner Address(1), (1), Tank Owner Name(1), Tank
Owner Address(1), (1), Status Desc(1), Tank Substance Stored Desc(1), Delinquent
Flag(1)*

County UST - County Underground Storage Tank / SRC# 133

EPA/Agency ID:

N/A

Agency Address: SAME AS ABOVE
Agency ID: H32267
Facility Name: THOMPSON RANCH
Facility Address: 3095 SUMAC RD
Facility City: FALLBROOK
Facility State: CA
Facility Zip: 92028
Total Underground Tanks: 1
Total Aboveground Tanks: NOT REPORTED
Total Tanks Removed: NOT REPORTED
Tank No: T001
Tank Size: 1000.00
Fuel Type: DIESEL
Tank Type: TANK TYPE
Pipe Type: CLOSED BY REMOVAL PIPE TYPE
Tank ID: NOT AVAILA
Alternate Monitor: "UNKNOWN"

**Fields Not Reported by the Source
Agency for this Site:**

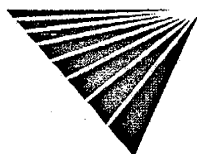
*Epa ID(1), Facility County(1), Test Status(1), Inspection Status(1), Tank Status
Date(1), Year Installed(1)*

County UST - County Underground Storage Tank / SRC# 136

Agency ID:

H32267

Agency Address: SAME AS ABOVE
Establishment Permit ID #: H32267
Establishment Name: THOMPSON RANCH
Establishment Address: 3095 SUMAC RD
 FALLBROOK, CA
 92028
Total Aboveground Tanks: NOT REPORTED
Total Underground Tanks: 1
Total Tanks Removed: 1
Tank #: T001
Tank ID #: AT2713
Tank Capacity (G): 1000.00
Tank Exempt Indicator: N
Tank Substance: DIESEL
Tank Primary Material: NO PRIMARY TANK MATERIAL INFO
Tank System Type: TANK TYPE
Tank Interior Lining: NO SECONDARY TANK MTRL INFO
Tank Monitor Device: NO TANK MONIT DEV INFO
Tank Test Date: 12/01/1994
Tank Test Status: INVALID CODE
Tank Exterior Corrosion Protection: NO EXTERIOR CORR PROT INFO
Automatic Tank Gauges: NO ATGS INFO AVAILABLE
Piping Construction: NO PIPE CONSTRUCTION INFO
Piping Primary Material: NO PRIMARY PIPE MATERIAL INFO



***VISTA address includes enhanced city and ZIP.**

For more information call VISTainfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

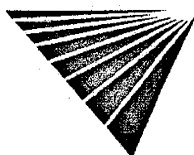
Piping System Type:	PIPE TYPE
Piping Monitor Device:	NO PIPE MONIT DEV INFO
Piping Test Date:	01/01/2001
Piping Test Status:	INVALID CODE
Pressure Pipe Loss Leak Detector Brand:	NO PPLD BRAND INFO
Piping Corrosion Protection:	NO PIPE PROTECTION INFO
Pressure Pipe Loss Leak Detector Type:	NO PPLD TYPE INFO
Overfill Device Installed:	NO OVERFILL INFORMATION
Groundwater greater than 20':	N
Monitoring Alternative:	NO MONITORING ALTERNATIVESELECTED. VERIFY AND ENTER MONITORING ALTERNATIVEDURING INSPECTION.
Regulatory Status:	CLOSED BY REMOVAL
Waste or Product:	P
Inactive Indicator	1
Permit Annual Expiration Date:	OCT 31
Business Phone #:	() -
Owner Name:	THOMPSON RANCH
Mailing Address:	2454 GLENOWER AV LOS ANGELES, CA 90027
Corporate Code:	97
Fire District Name:	NORTH COUNTY FPD
Site Contact:	JOY A THOMPSON
Fields Not Reported by the Source Agency for this Site:	Year Tank Installed(1), Tank Contents CAS Number(1), Tank Content Chemical Name(1), 1998 Upgrade(1), Below Grade Equipment Date(1), Hazard Category 1(1), Hazard Category 2(1), Manufacturing Code(1), MSDS Indicator(1), Regulatory Status(2), Spill Buckets(1), Business Code Description(1), SIC #(1), Second Establishment Name(1), EPA ID #(1), Gas Station(1), Inspection Date(1), Reinspection Date(1), Inspector Name(1), Notice of Violation Issued(1), Property Owner(1), Property Owner Street Number(1), Tank Owner(1), Tank Owner Street Number(1)

VISTA Address*:	J W SAND MATERIALS 9101 HY 76 PALA, CA 92059	VISTA ID#:	3494294
		Distance/Direction:	0.09 MI / E
		Plotted as:	Point
HE-17 / SRC# 132		Agency ID:	H28546

Map ID

20

Agency Address:	SAME AS ABOVE
Permit No:	H28546
Name:	J W SAND MATERIALS
Address:	9101 HY 76 PALA CA 92059
Inactive Indicator	1
Business Code Desc	MISC GENERAL BUILDING
Permit Exp Date:	0831
Phone:	(619)728-8200
Owner Name:	JIM WEIR
Establishment Address:	9101 HY 76



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

	PALA
	CA
	92059
Fire Dept Dist Name:	PALA FD
Census Tract No:	19000
Inspection Date	10/25/1991 0:00:00
Reinspection Date	OCT 1992
Inspector Name	PAREDES
Contact	CHUCK HOFER
Last Update:	07/24/1998 0:00:00
Fields Not Reported by the Source Agency for this Site:	SIC(1), Status(1), Establishment Name(1), EPA ID(1), Notice of Violation Issued(1), Owner Name(1), Owner Address(1), (1), Tank Owner Name(1), Tank Owner Address(1), (1), Status.Desc(1), Tank Substance Stored Desc(1), Delinquent Comment(1), Delinquent Flag(1)

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844619
		Distance/Direction:	0.13 MI / N
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332127117093201		
Well Use Type:	UNUSED		
Well Depth:	115.0		
Well Latitude:	33.3575		
Well Longitude:	-117.1588888888		
Static Water Level:	38.00		
Date Well Drilled:	01/01/1951		
Well County Fips:	6073		
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

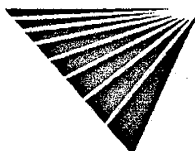
Map ID

18

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844442
		Distance/Direction:	0.17 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332018117080701		
Well Use Type:	IRRIGATION		
Well Depth:	106.0		
Well Latitude:	33.338333333333		
Well Longitude:	-117.1352777777		
Date Well Drilled:	01/01/1926		
Well County Fips:	6073		

Map ID

21A



*VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844443
		Distance/Direction:	0.17 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332018117080702	
Well Depth:		.00	
Well Latitude:		33.338333333333	
Well Longitude:		-117.135277777	
Date Well Drilled:		01/01/1926	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

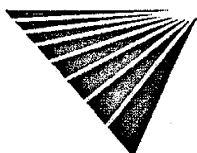
Map ID
21A

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844436
		Distance/Direction:	0.21 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332016117080501	
Well Use Type:		UNUSED	
Well Latitude:		33.337777777777	
Well Longitude:		-117.1347222222	
Static Water Level:		17.00	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1), Well Depth(1), Section Township Range(1)	

Map ID
21A

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844441
		Distance/Direction:	0.22 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332018117080401	
Well Use Type:		IRRIGATION	
Well Depth:		80.00	
Well Latitude:		33.338333333333	
Well Longitude:		-117.1344444444	
Section Township Range		NWSNWS06T10SR02WS	
Static Water Level:		19.37	
Date Well Drilled:		05/01/1978	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID
21A



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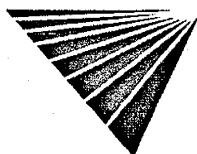
GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844450	Map ID 21B
		Distance/Direction:	0.21 MI / E	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332020117080401		
Well Depth:		.00		
Well Latitude:		33.338888888888		
Well Longitude:		-117.1344444444		
Well County Fips:		6073		
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844449	Map ID 21B
		Distance/Direction:	0.24 MI / E	
		Plotted as:	Point	
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Facility State:		CA		
Well ID:		332020117080201		
Well Depth:		.00		
Well Latitude:		33.338888888888		
Well Longitude:		-117.1338888888		
Well County Fips:		6073		
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

VISTA Address*:	RAINBOW MUNICIPAL WATER DIST. 3707 S HY 395 FALLBROOK, CA 92028	VISTA ID#:	4041652	Map ID 22A
		Distance/Direction:	0.21 MI / S	
		Plotted as:	Point	
County UST - County Underground Storage Tank / SRC# 133		EPA/Agency ID:	N/A	
Agency Address:		SAME AS ABOVE		
Agency ID:		H20408		
Facility Name:		RAINBOW MUNICIPAL WATER DIST.		
Facility Address:		3707 S HY 395		
Facility City:		FALLBROOK		
Facility State:		CA		
Facility Zip:		920289371		
Total Underground Tanks:		2		
Total Aboveground Tanks:		NOT REPORTED		
Total Tanks Removed:		NOT REPORTED		
Tank No:		T001		
Tank Size:		550.00		
Fuel Type:		LEADED		
Tank Type:		SINGLE WALL W/O SECNDRY CNTMNT		
Pipe Type:		CLOSED BY REMOVAL PIPE TYPE		
Tank ID:		NOT AVAILA		
Alternate Monitor:		"UNKNOWN"		



* VISTA address includes enhanced city and ZIP.

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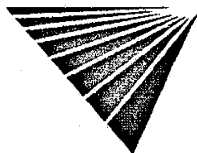
Date of Report: November 12, 2001

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Year Installed	1979
Tank No:	T002
Tank Size:	550.00
Fuel Type:	REGULAR UNLEADED
Tank Type:	SINGLE WALL W/O SECNDRY CNTMNT
Pipe Type:	CLOSED BY REMOVAL PIPE TYPE
Tank ID:	NOT AVAILA
Alternate Monitor:	"UNKNOWN"
Year Installed	1982
County UST - County Underground Storage Tank / SRC# 136	
Agency ID:	H20408
Agency Address:	SAME AS ABOVE
Establishment Permit ID #:	H20408
Establishment Name:	RAINBOW MUNICIPAL WATER DIST.
Establishment Address:	3707 S HY 395 FALLBROOK, CA 92028
Total Aboveground Tanks:	NOT REPORTED
Total Underground Tanks:	2
Total Tanks Removed:	2
Tank #:	T001
Tank ID #:	1
Tank Capacity (G):	550.00
Tank Exempt Indicator:	N
Tank Substance:	LEADED
Year Tank Installed	1979
Tank Primary Material:	CARBON STEEL
Tank System Type:	SINGLE WALL W/O SECNDRY CNTMNT
Tank Interior Lining:	NO SECONDARY TANK MTRL INFO
Tank Monitor Device:	NO TANK MONIT DEV INFO
Tank Test Date:	08/28/1990
Tank Test Status:	TIGHT
Tank Contents CAS Number	12032
Tank Exterior Corrosion Protection:	NONE
Automatic Tank Gauges:	NO ATGS INFO AVAILABLE
Piping Construction:	NO PIPE CONSTRUCTION INFO
Piping Primary Material:	NO PRIMARY PIPE MATERIAL INFO
Piping System Type:	PIPE TYPE
Piping Monitor Device:	NO PIPE MONIT DEV INFO
Piping Test Date:	08/11/1986
Piping Test Status:	INVALID CODE
Pressure Pipe Loss Leak Detector Brand:	NO PPLD BRAND INFO
Piping Corrosion Protection:	UNKNOWN
Pressure Pipe Loss Leak Detector Type:	NO PPLD TYPE INFO
Overfill Device Installed:	NO OVERFILL INFORMATION
Groundwater greater than 20':	Y
Monitoring Alternative:	SW TK DW PIPE W/ POS SHUTOFF AND ALARM ON LLD W/ SIRS: SIR ANALY MO TK TST BI: PP TST ANN 0.1 G/HR OR MO0.2 G/HR.
Regulatory Status:	CLOSED BY REMOVAL



* VISTA address includes enhanced city and ZIP.

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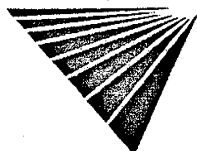
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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Waste or Product:	P
Tank #:	T002
Tank ID #:	2
Tank Capacity (G):	550.00
Tank Exempt Indicator:	N
Tank Substance:	REGULAR UNLEADED
Year Tank Installed	1982
Tank Primary Material:	CARBON STEEL
Tank System Type:	SINGLE WALL W/O SECNDRY CNTMNT
Tank Interior Lining:	NO SECONDARY TANK MTRL INFO
Tank Monitor Device:	NO TANK MONIT DEV INFO
Tank Test Date:	08/28/1990
Tank Test Status:	TIGHT
Tank Contents CAS Number	12031
Tank Exterior Corrosion Protection:	NONE
Automatic Tank Gauges:	NO ATGS INFO AVAILABLE
Piping Construction:	NO PIPE CONSTRUCTION INFO
Piping-Primary Material:	NO PRIMARY PIPE MATERIAL INFO
Piping System Type:	PIPE TYPE
Piping Monitor Device:	NO PIPE MONIT DEV INFO
Piping Test Date:	08/11/1986
Piping Test Status:	INVALID CODE
Pressure Pipe Loss Leak Detector Brand:	NO PPLD BRAND INFO
Piping Corrosion Protection:	UNKNOWN
Pressure Pipe Loss Leak Detector Type:	NO PPLD TYPE INFO
Overfill Device Installed:	NO OVERFILL INFORMATION
Groundwater greater than 20':	Y
Monitoring Alternative:	SW TK DW PIPE W/ POS SHUTOFF AND ALARM ON LLD W/ SIRS:SIR ANALY MO TK TST BI.PP TST ANN 0.1 G/HR OR MO0.2 G/HR.
Regulatory Status:	CLOSED BY REMOVAL
Waste or Product:	P
Business Code Description	PUBLIC UTILITIES
Permit Annual Expiration Date:	OCT 31
Business Phone #:	(619)728-1178
Owner Name:	RAINBOW MUNICIPAL WATER DIST
Mailing Address:	P.O. BOX 2500 FALLBROOK, CA 92088
Corporate Code:	97
Fire District Name:	NORTH COUNTY FPD
Inspection Date	05/21/2001 0:00:00
Reinspection Date	JUL 2002
Inspector Name	GRIFFITH
Site Contact:	ROBERT LOPEZ
Property Owner	RAINBOW MUNICIPAL WATER DIST
Property Owner Street Number	4555 HY 76 FALLBROOK, CA 92028



*VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank Owner	RAINBOW MUNICIPAL WATER DIST
Tank Owner Street Number	4555
	HY 76
	FALLBROOK, CA
	92028
Fields Not Reported by the Source Agency for this Site:	Tank Content Chemical Name(1), 1998 Upgrade(2), Below Grade Equipment Date(2), Hazard Category 1(2), Hazard Category 2(2), Manufacturing Code(2), MSDS Indicator(2), Regulatory Status(3), Spill Buckets(2), Tank Content Chemical Name(1), Inactive Indicator(1), SIC #(1), Second Establishment Name(1), EPA ID #(1), Gas Station(1), Notice of Violation Issued(1)

VISTA Address*:	USGS REPORTED WATER WELL	VISTA ID#:	8844639
	CA 0	Distance/Direction:	0.24 MI / N
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

Map ID

23

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332134117091201
Well Use Type:	DOMESTIC
Well Depth:	150.0
Well Latitude:	33.359444444444
Well Longitude:	-117.15333333333
Static Water Level:	42.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	USGS REPORTED WATER WELL	VISTA ID#:	8844305
	CA 0	Distance/Direction:	0.29 MI / S
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

Map ID

22

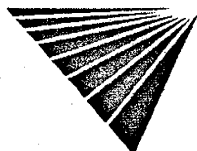
Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331924117093701
Well Use Type:	IRRIGATION
Well Latitude:	33.323333333333
Well Longitude:	-117.16027777777
Static Water Level:	57.00
Well County Fips:	6073

VISTA Address*:	USGS REPORTED WATER WELL	VISTA ID#:	8844303
	CA 0	Distance/Direction:	0.29 MI / S
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

Map ID

24

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331923117093001
Well Use Type:	IRRIGATION
Well Depth:	66.00



* VISTA address includes enhanced city and ZIP.

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GeoSoils, Inc.

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Well Latitude:	33.323055555555
Well Longitude:	-117.158333333
Static Water Level:	58.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844311
		Distance/Direction:	0.32 MI / SW
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

Map ID
25

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331925117094801
Well Latitude:	33.323611111111
Well Longitude:	-117.163333333
Well County Fips:	6073

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844306
		Distance/Direction:	0.33 MI / SW
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

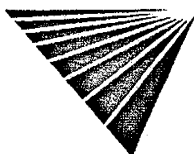
Map ID
25

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331924117094601
Well Use Type:	UNUSED
Well Depth:	65.00
Well Latitude:	33.323333333333
Well Longitude:	-117.162777777
Date Well Drilled:	01/01/1939
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844479
		Distance/Direction:	0.41 MI / E
		Plotted as:	Point
	USGS Wells - Federal Drinking Water Sources / SRC# 3	EPA/Agency ID:	N/A

Map ID
26

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	332030117075101
Well Use Type:	IRRIGATION
Well Latitude:	33.341666666666
Well Longitude:	-117.130833333
Static Water Level:	22.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1), Well Depth(1), Section Township Range(1)



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844488
		Distance/Direction:	0.42 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332033117075001	
Well Use Type:		IRRIGATION	
Well Depth:		105.0	
Well Latitude:		33.3425	
Well Longitude:		-117.1305555555	
Static Water Level:		20.00	
Date Well Drilled:		01/01/1963	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

26

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844501
		Distance/Direction:	0.41 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332037117075101	
Well Use Type:		DOMESTIC	
Well Latitude:		33.343611111111	
Well Longitude:		-117.1308333333	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

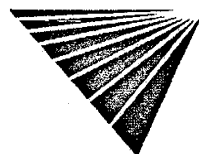
Map ID

27

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844507
		Distance/Direction:	0.46 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility State:		CA	
Well ID:		332038117074801	
Well Use Type:		UNUSED	
Well Depth:		67.00	
Well Latitude:		33.343888888888	
Well Longitude:		-117.13	
Static Water Level:		25.00	
Date Well Drilled:		01/01/1944	
Well County Fips:		6073	
Fields Not Reported by the Source Agency for this Site:		Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)	

Map ID

27



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844508
		Distance/Direction:	0.46 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332038117074802		
Well Use Type:	IRRIGATION		
Well Depth:	99.00		
Well Latitude:	33.343888888888		
Well Longitude:	-117.13		
Static Water Level:	51.00		
Date Well Drilled:	01/01/1961		
Well County Fips:	6073		
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

Map ID

27

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844522
		Distance/Direction:	0.41 MI / E
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	332043117075201		
Well Latitude:	33.345277777777		
Well Longitude:	-117.1311111111		
Well County Fips:	6073		

Map ID

28

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844285
		Distance/Direction:	0.42 MI / S
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		
Well ID:	331916117090601		
Well Use Type:	IRRIGATION		
Well Depth:	87.00		
Well Latitude:	33.321111111111		
Well Longitude:	-117.1516666666		
Date Well Drilled:	01/01/1949		
Well County Fips:	6073		
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)		

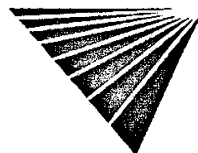
Map ID

29

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844663
		Distance/Direction:	0.45 MI / N
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility State:	CA		

Map ID

30



*VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Well ID:	332144117090301
Well Use Type:	DOMESTIC
Well Depth:	83.00
Well Latitude:	33.362222222222
Well Longitude:	-117.1508333333
Static Water Level:	28.00
Well County Fips:	6073
Fields Not Reported by the Source Agency for this Site:	Agency ID(1), Epa ID(1), Facility Name(1), Facility Address(1), Facility City(1), Facility Zip(1), Facility County(1)

VISTA Address*:	USGS REPORTED WATER WELL CA 0	VISTA ID#:	8844290
		Distance/Direction:	0.46 MI / SW
		Plotted as:	Point
USGS Wells - Federal Drinking Water Sources / SRC# 3		EPA/Agency ID:	N/A

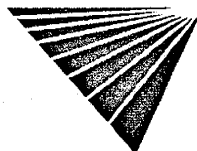
Map ID

31

Agency Address:	SAME AS ABOVE
Facility State:	CA
Well ID:	331918117095101
Well Latitude:	33.321666666666
Well Longitude:	-117.1641666666
Well County Fips:	6073

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

No Records Found



* VISTA address includes enhanced city and ZIP.

For more information call VISTAinfo at 1 - 800 - 767 - 0403.

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UNMAPPED SITES

VISTA Address*:	RANCHO VIEJO PARCEL 1 MONSERATE RANCHO FALLBROOK, CA 92028	VISTA ID#:	6521812
STATE LUST - State Leaking Underground Storage Tank / SRC# 134		Agency ID:	H36156
Agency Address:	SAME AS ABOVE		
Establishment Permit #:	H36156		
Site Name:	RANCHO VIEJO		
Site Address:	PARCEL 1 MONSERATE RANCHO FALLBROOK CA 92028		
Business Phone #:	() -		
Owner Name:	BLANCHE POPE		
Mailing Address:	3501 GARRISON ST SAN DIEGO CA 92106		
Site Contact:	BLANCHE POPE		
Media Affected:	NOT REPORTED		
Substance Leaked:	NOT REPORTED		
Discovery Date:	NOT REPORTED		
Release Occurence #:	001		
Historical Name:	RANCHO VIEJO		
Date Release Began:	03/22/1996 0:00:00		
Lead Agency:	DEH		
Case Type:	NON-TANK, ENV.		
Case Status:	CLOSED		
Case Status Date:	09/29/1998 0:00:00		
Fields Not Reported by the Source Agency for this Site:	Business Code(1), SIC #(1), Permit Annual Expiration Date(1), Status(1), Owner Contact(1), EPA ID #(1), Is Facility a Gas Station(1), Inspection Date(1), Reinspection Date(1), Inspector Name(1), Tank Substance Stored Desc(1), Business Plan Acceptance Date(1)		

VISTA Address*:	PALA INDIAN RESERVATION HIGHWAY 76 NEAR LILAC ROAD PALA, CA 92059	VISTA ID#:	12667324
NFRAP / SRC# 18		Agency ID:	0904217
Agency Address:	PALA INDIAN RESERVATION HIGHWAY 76 NEAR LILAC ROAD PALA INDIAN RESERVATION, CA 92059		
EPA ID:	NND983608050		
Site ID:	0904217		
Financial Management System ID:	091W		
EPA Region:	09		
USGS Hydrologic Unit Code:	18070303		
Ownership Type:	INDIAN LANDS		
Federal Facility Indicator:	NOT A FEDERAL FACILITY		



* VISTA address includes enhanced city and ZIP.

For more information call VISTainfo at 1 - 800 - 767 - 0403.

Report ID: 011112002

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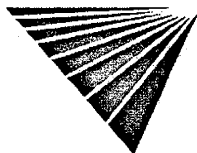
Date of Report: November 12, 2001

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UNMAPPED SITES CONT.

NPL Status:	NOT ON THE NPL
Hazardous Waste Docket Flag:	NOT ON THE HAZARDOUS WASTEDOCKET
Site Incident Category Description:	OTHER
Action:	REMOVAL ACTION
Action Qualifier:	CLEANED UP
Action Lead:	EPA FUND-FINANCED
Scheduled Start Date:	OCTOBER 1, 1991
Scheduled Completion Date:	OCTOBER 1, 1991
Actual Start Date:	OCTOBER 1, 1991
Actual Completion Date:	OCTOBER 1, 1991
Financial Transaction ID:	0002
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 25, 1991
Amount:	\$ 10,000.00
Financial Transaction ID:	0003
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	MAY 10, 1999
Amount:	\$ 5,000.00
Financial Transaction ID:	0003
Transaction Type:	COMMITMENT
Transaction Date:	OCTOBER 7, 1991
Amount:	\$ 10,000.00
Financial Transaction ID:	0004
Transaction Type:	COMMITMENT
Transaction Date:	MAY 5, 1999
Amount:	\$ 5,000.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 29, 1999
Amount:	\$ 849.00
Financial Transaction ID:	0001
Transaction Type:	DECOMMITMENT
Transaction Date:	OCTOBER 25, 1991
Amount:	\$ 10,000.00
Financial Transaction ID:	0002
Transaction Type:	DECOMMITMENT
Transaction Date:	MAY 10, 1999
Amount:	\$ 5,000.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JULY 29, 1999
Amount:	\$ 849.00
Operable Unit ID:	00
Operable Unit Name:	SITEWIDE
Fields Not Reported by the Source Agency for this Site:	Description(1), (1), (1), (1)



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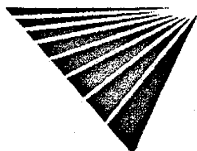
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UNMAPPED SITES CONT.

VISTA Address*:	PALA DRUG LAB PALA, CA 92059	VISTA ID#:	503203474
CERCLIS / SRC# 17		Agency ID:	0905383
Agency Address:	SAME AS ABOVE		
EPA ID:	CA0002021806		
Site ID:	0905383		
Financial Management System ID:	09ED		
EPA Region:	09		
Federal Facility Indicator:	NOT A FEDERAL FACILITY		
NPL Status:	NOT ON THE NPL		
Operable Unit ID:	00		
Operable Unit Name:	SITEWIDE		

VISTA Address*:	MISSION INDIAN SANIT LANDFILL P.O. BOX 43 PALA, CA 92059	VISTA ID#:	4823239
WMUDS / SRC# 68		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Agency ID:	9 000000298		
Facility Name:	MISSION INDIAN SANIT LANDFILL		
Facility Address:	P.O. BOX 43		
Facility City:	PALA		
Facility State:	CA		
Facility Zip:	92059		
Facility County:	SAN DIEGO		
Facility Type:	SOLID WASTE SITES-CLASS III- LANDFILLS FOR NONHAZARDOUSSOLID WASTES.		
Waste Discharger System Flag:	T		
Chapter 15 Facility Flag:	T		
Solid Waste Assessment Flag:	T		
Toxic Pits Flag:	F		
RCRA Flag:	F		
Open To Public:	F		
Number of Waste Management Units:	1		
Threat To Water:	MODERATE THREAT TO WATER QUALITY		
Complexity:	CATEGORY B - ANY FACILITY HAVING A PHYSICAL, CHEMICAL OR BIOLOGICAL WASTE TREATMENT SYSTEM (EXCEPT FOR SEPTIC SYSTEMS WITH SUBSURFACE DISPOSAL), OR ANY CLASS II OR III DISPOSAL SITE, OR FACILITIES WITHOUT TREATMENT SYSTEMS THAT ARE COMPLEX, SUCH AS MARINA		
Facility Status:	HISTORICAL - ANY REGULATED FACILITY FOR WHICH THE REGIONAL BOARD HAS RESCINDED ALL WDRS OR CONSCIOUSLY ALLOWED AN NPOS PERMIT TO EXPIRE. THOSE FACILITIES THAT ARE NOT UNDER WASTE DISCHARGE REQUIREMENTS (WUDRS) MAY BE SET TO HISTORY WHEN THE REGIONAL BOARD		
Waste 1 Nature:	"NONHAZARDOUS SOLID WASTES -INFLUENT OR SOLID WASTES THAT CONTAIN NONHAZARDOUS 'PUTRESCIBLE AND NONPUTRESCIBLE' SOLID, SEMISOLID, AND LIQUID WASTES (E.G. GARBAGE, TRASH, REFUSE, PAPER, DEMOLITION AND CONSTRUCTION WASTES, MANURE, VEGETABLE OR ANIMAL SOLID		
Waste 1 Type:	"SOLID WASTES"		
Waste 2 Nature:	"NOT REPORTED"		
Waste 2 Type:	"NOT REPORTED"		
Enforcements:	N		



* VISTA address includes enhanced city and ZIP.

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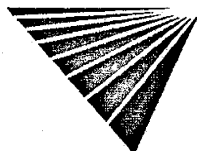
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UNMAPPED SITES CONT.

Violations:	N
WMUDS / SRC# 68	EPA/Agency ID: N/A
Agency Address:	MISSION INDIAN OXIDATION POND P.O. BOX 43 PALA, CA 92059
Agency ID:	9 000000299
Facility Name:	MISSION INDIAN OXIDATION POND
Facility Address:	P.O. BOX 43
Facility City:	PALA
Facility State:	CA
Facility Zip:	92059
Facility County:	SAN DIEGO
Facility Type:	SOLID WASTE SITES-CLASS III- LANDFILLS FOR NONHAZARDOUSSOLID WASTES.
Waste Discharger System Flag:	T
Chapter 15 Facility Flag:	T
Solid Waste Assessment Flag:	F
Toxic Pits Flag:	F
RCRA Flag:	F
Number of Waste Management Units:	1
Threat To Water:	MODERATE THREAT TO WATER QUALITY
Complexity:	CATEGORY B - ANY FACILITY HAVING A PHYSICAL, CHEMICAL OR BIOLOGICAL WASTE TREATMENT SYSTEM (EXCEPT FOR SEPTIC SYSTEMS WITH SUBSURFACE DISPOSAL), OR ANY CLASS II OR III DISPOSAL SITE, OR FACILITIES WITHOUT TREATMENT SYSTEMS THAT ARE COMPLEX, SUCH AS MARINA
Facility Status:	HISTORICAL - ANY REGULATED FACILITY FOR WHICH THE REGIONAL BOARD HAS RESCINDED ALL WDRS OR CONSCIOUSLY ALLOWED AN NPOS PERMIT TO EXPIRE. THOSE FACILITIES THAT ARE NOT UNDER WASTE DISCHARGE REQUIREMENTS (WURDS) MAY BE SET TO HISTORY WHEN THE REGIONAL BOARD
Waste 1 Nature:	"DESIGNATED - INFLUENT OR SOLID WASTES THAT CONTAIN NONHAZARDOUS WASTES THAT POSE A SIGNIFICANT THREAT TO WATER QUALITY BECAUSE OF THEIR HIGH CONCENTRATIONS (E.G. 800 HARDNESS, TRF, CHLORIDE). 'MANAGEABLE' HAZARDOUS WASTES (E.G. INORGANIC SALTS AND HEAVY
Waste 1 Type:	"DOMESTIC SEWAGE"
Waste 2 Nature:	"NOT REPORTED"
Waste 2 Type:	"NOT REPORTED"
Enforcements:	N
Violations:	N
Fields Not Reported by the Source Agency for this Site:	Epa ID(1), Swis ID(1), Department of Defense Flag(1), Rank(2), Open To Public(1)



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SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDARY EXTENDED 1 MILE)

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

**NPL
SRC#: 19**

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for National Priorities List was July, 2001.

The NPL Report is the US EPA's registry of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

**SPL
SRC#: 113**

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for CalSites Database was October, 2000.

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. The agency may be contacted at: 916-323-3400.

**CORRACTS
SRC#: 14**

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS Corrective Action Sites was June, 2000.

The CORRACTS database contains information concerning RCRA facilities that have conducted, or are currently conducting a corrective action. A Corrective Action Order is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may also be imposed as a requirement of receiving and maintaining a TSD permit.

**RCRIS-TSDC
SRC#: 556**

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS TSDs Subject to Corrective Action was June, 2000.

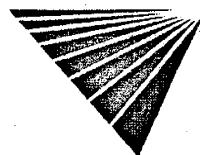
The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDCs are treatment, storage and/or disposal facilities that are subject to corrective action under RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

**CERCLIS
SRC#: 17**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Comprehensive Environmental Response, Compensation and Liability Information Sys was July, 2001.

The CERCLIS database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL).



**NFRAP
SRC#: 18**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for No Further Remedial Action Planned was July, 2001.

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

**SCL
SRC#: 112**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CalSites Database was October, 2000.

This database is provided by the Department of Toxic Substances Control. Two-thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

**RCRIS-TSD
SRC#: 12**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for RCRIS Treatment, Storage and Disposal Facilities was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

**SWLF
SRC#: 23**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for USGS Solid Waste Landfills was December, 1991.

This database is provided by the United States Geological Survey. The agency may be contacted at: 703-648-5613.

**SWLF
SRC#: 163**

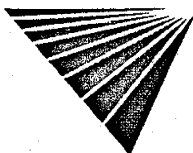
VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Solid Waste Inventory System was June, 2001.

This database is provided by the Integrated Waste Management Board. The agency may be contacted at: 916-255-4021.

**WMUDS
SRC#: 68**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Waste Management Unit Data System was February, 1999.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 530-892-0323. This is used for program tracking and inventory of waste management units. This system contains information from: Facility, Waste Management Unit, SWAT Program and Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA and RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).



**LUST-REG
SRC#: 108**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 6 Leaking Underground Storage Tanks was July, 2001.

This database is provided by the Lahontan Region Six South Lake Tahoe. The agency may be contacted at: 530-542-5400.

**LUST-REG
SRC#: 109**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 7 Leaking Underground Storage Tanks was July, 2001.

This database is provided by the Regional Water Quality Control Board, Region #7. The agency may be contacted at: 760-346-7491.

**LUST-REG
SRC#: 120**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 9 Leaking Underground Storage Tanks was March, 2001.

This database is provided by the Regional Water Quality Control Board, Region #9. The agency may be contacted at: 619-467-2980.

**LUST-CO-SD
SRC#: 134**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was July, 2001.

This database is provided by the San Diego County Dept. of Health Services. It contains information concerning any sites which fall under the jurisdiction of this agency. Cases classified as Releases appear under "County Lust" in this report regardless of the "Cause" or "Case Type". Sites classified as USTs appear under "County UST", and Solid Waste facilities appear under "County SWLF". Sites with violation and/or disclosure information are reported under "SDC Site" in this VISTA report.

**LUST
SRC#: 164**

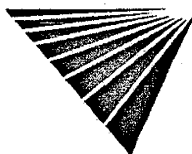
VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Leaking Underground Storage Tank Information System was August, 2001.

This database is provided by the California Environmental Protection Agency. The agency may be contacted at: 916-341-5740.

**NPLLNS
SRC#: 1303**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Federal Superfund Liens was October, 1991.

This historical database has information on liens filed against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability.



**CORTESE
SRC#: 53**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Cortese List - Hazardous Waste Substance Site List was April, 1998.

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials. The agency may be contacted at: 916-445-6532. The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section 65962.5. This database (CORTESE) is based on input from the following: (1)CALSITES-Department of Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board; (6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air; (9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers); (12)WB-LF-Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

**BORDER-ZON
SRC#: 46**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Deed Restriction Properties Report was June, 2001.

The Deeds Restrictions list, also known as the Border Zone Property List, contains information concerning voluntary deed restriction. These agreements are made with owners of property who propose building residences, schools, hospitals, or day care centers on property that is on or within 2,000 feet of potentially hazardous waste site.

**TOXICPITS
SRC#: 49**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Toxic Pits was February, 1995.

This database is provided by the Water Quality Control Board, Division of Loans Grants. The agency may be contacted at: 916-227-4396.

**USGS-WELLS
SRC#: 3**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for USGS Water Wells was March, 1998.

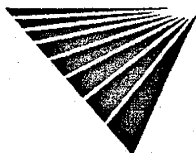
The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database contains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used or documented during research.

C) DATABASES SEARCHED TO 1/4 MILE

**RCRIS-VIOL
SRC#: 11**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for RCRIS Facilities with Violations was June, 2000.

The Resource Conservation and Recovery Act Information System (RCRIS) identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Violations report contains information concerning facilities that have been cited for violations of RCRA, as well as any enforcement actions taken against the facility.



**UST
SRC#: 45**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tanks was January, 1994.

This historical database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks. Please refer to the local level UST list for more current information. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.

**UST-CO-SD
SRC#: 133**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was December, 1999.

This database is provided by the San Diego County Dept. of Health Services. It contains information concerning any sites which fall under the jurisdiction of this agency. Cases classified as Releases appear under "County Lust" in this report regardless of the "Cause" or "Case Type". Sites classified as USTs appear under "County UST", and Solid Waste facilities appear under "County SWLF". Sites with violation and/or disclosure information are reported under "SDC Site" in this VISTA report.

**UST-CO-SD
SRC#: 136**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was July, 2001.

This database is provided by the San Diego County Department of Health Services. The agency may be contacted at: 619-338-2268. Be advised: Many states do not require registration of heating oil tanks, especially those used for residential purposes.

**AST
SRC#: 60**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Aboveground Storage Tanks was January, 2001.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-227-4364.

**TRIS
SRC#: 2**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Toxic Release Inventory System was January, 1998.

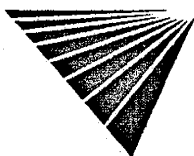
All facilities that manufacture, process, or import toxic chemicals in quantities in excess of 25,000 pounds per year are required to register with the EPA under Section 313 of the Superfund Amendments and Reauthorization Act (SARA Title III) of 1986. Data contained in the TRIS system covers approximately 20,000 sites and 75,000 chemical releases.

D) DATABASES SEARCHED TO 1/8 MILE

**ERNS
SRC#: 8**

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for Emergency Response Notification System was December, 2000.

ERNS is a national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party.



RCRA-LQG
SRC#: 16

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Large Quantity Generators was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRIS-SQG
SRC#: 15

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Small Quantity Generators was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small Quantity Generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

SPILLS
SRC#: 69

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for Region 9 SLIC Listing was March, 1994.

This database is provided by the Regional Water Quality Control Board, Region #9. The agency may be contacted at: 619-467-2980.

HE17
SRC#: 132

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for San Diego County Environmental Health Services Database was July, 2001.

The HE-17 database contains information concerning any site regulated by the San Diego County Department of Health Services. Cases classified as releases appear under "County LUST" in this report regardless of the cause or case type. Sites classified as UST's appear under "County UST", and solid waste facilities appear under "County SWLF".

End of Report



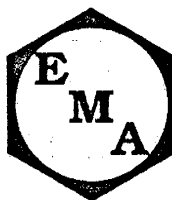
For more information call VISTAinfo at 1 - 800 - 767 - 0403.
Report ID: 011112002
Version 2.7

Date of Report: November 12, 2001
Page #54

GeoSoils, Inc.

APPENDIX D

LABORATORY DATA



January 2, 2002

Geosoils
Attn: Ed Lump
5741 Palmer Way
Carlsbad, California 92008

RECEIVED

JAN 04 2002

GeoSoils, Inc.

Project Name/No.: Pala
Laboratory Log No.: 2991-01
Date Received: 12/11/01
Sample Matrix: One water and
eleven soil samples
PO No.: W.O. E3176-SC

Please find the following enclosures for the referenced project identified:

- 1) Analytical Report
- 2) QA/QC Report
- 3) Chain of Custody Form

Note: EPA 8141 and organic lead analyses were performed by subcontract laboratory. EPA 8141 results to follow. Organic lead results enclosed.

.....**Certified Analysis**.....

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed. All samples were analyzed within the method required holding time for sample collection.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hard copy data report has been authorized by the following signature.

Janis Columbo
Vice President/Laboratory Director

**ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES**

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: METHOD BLANK
SAMPLE ID: N/A
DILUTION FACTOR: 1

DATE SAMPLED: N/A
DATE RECEIVED: N/A
DATE EXTRACTED: 12/15/01
DATE ANALYZED: 12/17/01
MATRIX: SOLID
SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	ND
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	79

ANALYSIS RESULTS - EPA 8081

ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-1

SAMPLE ID: HA-1 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/15/01

DATE ANALYZED: 12/18/01

MATRIX: SOLID

SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	2.6
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	110

ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: 2991-01-2
SAMPLE ID: HA-2 @ 0-1' ±
DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE EXTRACTED: 12/15/01
DATE ANALYZED: 12/18/01
MATRIX: SOLID
SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	2.4
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	106

ANALYSIS RESULTS - EPA 8081

ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
 EMA LOG #: 2991-01-3
 SAMPLE ID: HA-3 @ 0-1' ±
 DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01
 DATE RECEIVED: 12/11/01
 DATE EXTRACTED: 12/15/01
 DATE ANALYZED: 12/18-19/01
 MATRIX: SOLID
 SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	36 *
4,4-DDT	20	9.1
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
 REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	96

* THIS ANALYTE WAS DETERMINED AT A DIFFERENT DILUTION FACTOR. DF=10. DL=20.



ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-4

SAMPLE ID: HA-4 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/15/01

DATE ANALYZED: 12/18/01

MATRIX: SOLID

SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	2.7
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	115

ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-5

SAMPLE ID: HA-5 @ 0-1' ±

DILUTION FACTOR: 10 **

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/15/01

DATE ANALYZED: 12/18/01

MATRIX: SOLID

SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	20	ND
ALPHA-BHC	20	ND
BETA-BHC	20	ND
GAMMA-BHC (LINDANE)	20	ND
DELTA-BHC	20	ND
CHLORDANE	200	ND
4,4-DDD	20	ND
4,4-DDE	20	ND
4,4-DDT	20	ND
DIELDRIN	20	ND
ENDOSULFAN I	20	ND
ENDOSULFAN II	20	ND
ENDOSULFAN SULFATE	20	ND
ENDRIN	20	ND
ENDRIN ALDEHYDE	20	ND
HEPTACHLOR	20	ND
HEPTACHLOR EPOXIDE	200	ND
METHOXYCHLOR	200	ND
TOXAPHENE	250	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	150 *

* NOTE: POOR SURROGATE RECOVERY ATTRIBUTABLE TO SAMPLE MATRIX EFFECTS.

** NOTE: SAMPLE DILUTION NECESSARY TO REDUCE INTERFERENCES FROM NON-TARGET ANALYTES.

**ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES**

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-6

SAMPLE ID: HA-6 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/15/01

DATE ANALYZED: 12/18/01

MATRIX: SOLID

SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	ND
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	90

ANALYSIS RESULTS - EPA 8081

ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: 2991-01-7
SAMPLE ID: HA-7 @ 0-1' ±
DILUTION FACTOR: 10

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE EXTRACTED: 12/15/01
DATE ANALYZED: 12/18-19/01
MATRIX: SOLID
SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	20	ND
ALPHA-BHC	20	ND
BETA-BHC	20	ND
GAMMA-BHC (LINDANE)	20	ND
DELTA-BHC	20	ND
CHLORDANE	200	ND
4,4-DDD	20	89
4,4-DDE	400	581 *
4,4-DDT	20	224
DIELDRIN	20	ND
ENDOSULFAN I	20	ND
ENDOSULFAN II	20	ND
ENDOSULFAN SULFATE	20	ND
ENDRIN	20	ND
ENDRIN ALDEHYDE	20	ND
HEPTACHLOR	20	ND
HEPTACHLOR EPOXIDE	200	ND
METHOXYCHLOR	200	ND
TOXAPHENE	250	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	109

* NOTE: THIS ANALYTE WAS DETERMINED AT A DIFFERENT DILUTION FACTOR. DF= 200. DL= 400.



ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-8

SAMPLE ID: HA-8 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/15/01

DATE ANALYZED: 12/18-19/01

MATRIX: SOLID

SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	ND
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	83



ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: 2991-01-9
SAMPLE ID: HA-9 @ 0-1' ±
DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE EXTRACTED: 12/15/01
DATE ANALYZED: 12/18/01
MATRIX: SOLID
SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	ND
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	88



ANALYSIS RESULTS - EPA 8081

ORGANOCHLORINE PESTICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-10

SAMPLE ID: HA-10 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/15/01

DATE ANALYZED: 12/18/01

MATRIX: SOLID

SAMPLE VOL./WT.: 30 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
ALDRIN	2	ND
ALPHA-BHC	2	ND
BETA-BHC	2	ND
GAMMA-BHC (LINDANE)	2	ND
DELTA-BHC	2	ND
CHLORDANE	20	ND
4,4-DDD	2	ND
4,4-DDE	2	14.9
4,4-DDT	2	ND
DIELDRIN	2	ND
ENDOSULFAN I	2	ND
ENDOSULFAN II	2	ND
ENDOSULFAN SULFATE	2	ND
ENDRIN	2	ND
ENDRIN ALDEHYDE	2	ND
HEPTACHLOR	2	ND
HEPTACHLOR EPOXIDE	20	ND
METHOXYCHLOR	20	ND
TOXAPHENE	25	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	26-146	89

**ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES**

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: METHOD BLANK
SAMPLE ID: N/A
DILUTION FACTOR: 1

DATE SAMPLED: N/A
DATE RECEIVED: N/A
DATE EXTRACTED: 12/13/01
DATE ANALYZED: 12/19/01
MATRIX: SOLID
SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCPP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	92

ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-1

SAMPLE ID: HA-1 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCPP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	116

ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-2

SAMPLE ID: HA-2 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCPP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	104



ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-3

SAMPLE ID: HA-3 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	100



ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-4

SAMPLE ID: HA-4 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	116

ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-5

SAMPLE ID: HA-5 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCPP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	86



ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-6

SAMPLE ID: HA-6 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	115



ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-7

SAMPLE ID: HA-7 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	128

ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-8

SAMPLE ID: HA-8 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCPP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	101

ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-9

SAMPLE ID: HA-9 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	103



ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-10

SAMPLE ID: HA-10 @ 0-1' ±

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/13/01

DATE ANALYZED: 12/20/01

MATRIX: SOIL

SAMPLE VOL./WT.: 50 G

ANALYTE	REPORTING LIMITS PPB (UG/KG)	RESULTS PPB (UG/KG)
2,4-D	24	ND
2,4-DB	18.2	ND
2,4,5-T	40	ND
2,4,5-TP (SILVEX)	3.4	ND
DALAPON	116	ND
DICAMBA	5.4	ND
DICHLOROPROP	13	ND
DINOSEB	1.4	ND
MCPA	4,980	ND
MCPP	3,840	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	79

**ANALYSIS RESULTS - TPH-GASOLINE BY EPA 8015 B
TOTAL PETROLEUM HYDROCARBONS**

CLIENT: GEOSOILS, INC.
PROJECT NAME/No.: PALA

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE EXTRACTED: 12/13/01
DATE ANALYZED: 12/17/01
MATRIX: SOIL
SAMPLE VOL./WT.: 10 GRAMS

SAMPLE ID:	EMA LOG #:	TPH-GASOLINE C6 - C10			SURROGATE SPIKE 1-BROMO-4-FLUOROBENZENE
		RL	DF	PPM (MG/KG)	
-----	METHOD BLANK	10	1	ND	101
HA-1 @ 0-1' ±	2991-01-1	10	1	ND	94
HA-2 @ 0-1' ±	2991-01-2	10	1	ND	97
HA-3 @ 0-1' ±	2991-01-3	10	1	ND	97
HA-4 @ 0-1' ±	2991-01-4	10	1	ND	102
HA-5 @ 0-1' ±	2991-01-5	10	1	ND	108
HA-6 @ 0-1' ±	2991-01-6	10	1	ND	99
HA-7 @ 0-1' ±	2991-01-7	10	1	ND	100
HA-8 @ 0-1' ±	2991-01-8	10	1	ND	97
HA-9 @ 0-1' ±	2991-01-9	10	1	ND	85
HA-10 @ 0-1' ±	2991-01-10	10	1	ND	108

ACCEPTABLE RANGE: 75-129

RL = REPORTING LIMITS

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

ANALYSIS RESULTS - TPH-DIESEL BY EPA 8015 B
TOTAL PETROLEUM HYDROCARBONS

CLIENT: GEOSOILS, INC.
 PROJECT NAME/No.: PALA

DATE SAMPLED: 12/11/01
 DATE RECEIVED: 12/11/01
 DATE EXTRACTED: 12/13/01
 DATE ANALYZED: 12/17/01
 MATRIX: SOIL
 SAMPLE VOL./WT.: 10 GRAMS

SAMPLE ID:	EMA LOG #:	TPH-DIESEL C10 - C28			SURROGATE SPIKE 1-BROMO-4-FLUOROBENZENE % RECOVERY
		RL	DF	PPM (MG/KG)	
-----	METHOD BLANK	10	1	ND	101
HA-1 @ 0-1' ±	2991-01-1	10	1	ND	94
HA-2 @ 0-1' ±	2991-01-2	10	1	ND	97
HA-3 @ 0-1' ±	2991-01-3	10	1	ND	97
HA-4 @ 0-1' ±	2991-01-4	10	1	ND	102
HA-5 @ 0-1' ±	2991-01-5	10	1	ND	108
HA-6 @ 0-1' ±	2991-01-6	10	1	ND	99
HA-7 @ 0-1' ±	2991-01-7	10	1	ND	100
HA-8 @ 0-1' ±	2991-01-8	10	1	ND	97
HA-9 @ 0-1' ±	2991-01-9	10	1	ND	85
HA-10 @ 0-1' ±	2991-01-10	10	1	ND	108

ACCEPTABLE RANGE: 75-129

RL = REPORTING LIMITS

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

**ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES**

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: METHOD BLANK
SAMPLE ID: N/A
DILUTION FACTOR: 1

DATE SAMPLED: N/A
DATE RECEIVED: N/A
DATE EXTRACTED: 12/17/01
DATE ANALYZED: 12/18/01
MATRIX: WATER
SAMPLE VOL./WT.: 1000 ML

ANALYTE	REPORTING LIMITS PPB (UG/L)	RESULTS PPB (UG/L)
ALDRIN	0.05	ND
ALPHA-BHC	0.05	ND
BETA-BHC	0.05	ND
GAMMA-BHC (LINDANE)	0.05	ND
DELTA-BHC	0.05	ND
CHLORDANE	0.50	ND
4,4-DDD	0.10	ND
4,4-DDE	0.10	ND
4,4-DDT	0.10	ND
DIELDRIN	0.10	ND
ENDOSULFAN I	0.05	ND
ENDOSULFAN II	0.10	ND
ENDOSULFAN SULFATE	0.10	ND
ENDRIN	0.10	ND
ENDRIN ALDEHYDE	0.10	ND
HEPTACHLOR	0.05	ND
HEPTACHLOR EPOXIDE	0.05	ND
METHOXYCHLOR	0.50	ND
TOXAPHENE	1.00	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	22-147	100



**ANALYSIS RESULTS - EPA 8081
ORGANOCHLORINE PESTICIDES**

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-11

SAMPLE ID: WS-1

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/17/01

DATE ANALYZED: 12/18/01

MATRIX: WATER

SAMPLE VOL./WT.: 1000 ML

ANALYTE	REPORTING LIMITS PPB (UG/L)	RESULTS PPB (UG/L)
ALDRIN	0.05	ND
ALPHA-BHC	0.05	ND
BETA-BHC	0.05	ND
GAMMA-BHC (LINDANE)	0.05	ND
DELTA-BHC	0.05	ND
CHLORDANE	0.50	ND
4,4-DDD	0.10	ND
4,4-DDE	0.10	ND
4,4-DDT	0.10	ND
DIELDRIN	0.10	ND
ENDOSULFAN I	0.05	ND
ENDOSULFAN II	0.10	ND
ENDOSULFAN SULFATE	0.10	ND
ENDRIN	0.10	ND
ENDRIN ALDEHYDE	0.10	ND
HEPTACHLOR	0.05	ND
HEPTACHLOR EPOXIDE	0.05	ND
METHOXYCHLOR	0.50	ND
TOXAPHENE	1.00	ND

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
TCMX	22-147	107

ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
EMA LOG #: METHOD BLANK
SAMPLE ID: N/A
DILUTION FACTOR: 1

DATE SAMPLED: N/A
DATE RECEIVED: N/A
DATE EXTRACTED: 12/17/01
DATE ANALYZED: 12/19/01
MATRIX: WATER
SAMPLE VOL./WT.: 1000 ML

ANALYTE	REPORTING LIMITS PPB (UG/L)	RESULTS PPB (UG/L)
2,4-D	1.2	ND
2,4-DB	0.91	ND
2,4,5-T	0.20	ND
2,4,5-TP (SILVEX)	0.17	ND
DALAPON	5.8	ND
DICAMBA	0.27	ND
DICHLOROPROP	0.65	ND
DINOSEB	0.07	ND
MCPA	249	ND
MCPP	192	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR THE ABOVE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	103



ANALYSIS RESULTS - EPA 8150
CHLORINATED HERBICIDES

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA

EMA LOG #: 2991-01-11

SAMPLE ID: WS-1

DILUTION FACTOR: 1

DATE SAMPLED: 12/11/01

DATE RECEIVED: 12/11/01

DATE EXTRACTED: 12/17/01

DATE ANALYZED: 12/19/01

MATRIX: WATER

SAMPLE VOL./WT.: 1000 ML

ANALYTE	REPORTING LIMITS PPB (UG/L)	RESULTS PPB (UG/L)
2,4-D	1.2	ND
2,4-DB	0.91	ND
2,4,5-T	0.20	ND
2,4,5-TP (SILVEX)	0.17	ND
DALAPON	5.8	ND
DICAMBA	0.27	ND
DICHLOROPROP	0.65	ND
DINOSEB	0.07	ND
MCPA	249	ND
MCPP	192	ND

SECOND COLUMN CONFIRMATION PERFORMED ON ALL DETECTED ANALYTES.

ND = ANALYTE NOT DETECTED AT OR THE ABOVE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

SURROGATE PARAMETER	ACCEPTANCE CRITERIA	% RECOVERY
DCAA	26-146	118

ANALYSIS RESULTS - TPH-GASOLINE BY EPA 8015 B
TOTAL PETROLEUM HYDROCARBONS

CLIENT: GEOSOILS, INC.
 PROJECT NAME/No.: PALA

DATE SAMPLED: 12/11/01
 DATE RECEIVED: 12/11/01
 DATE ANALYZED: 12/14/01
 MATRIX: WATER

SAMPLE ID:	EMA LOG #:	TPH-GASOLINE C6 - C10			SURROGATE SPIKE 1-BROMO-4-FLUOROBENZENE
		RL	DF	RESULTS PPB (UG/L)	
-----	METHOD BLANK	20	1	ND	98
WS-1	2991-01-11	20	1	ND	96

ACCEPTABLE RANGE: 77-135

RL = REPORTING LIMITS

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

**ANALYSIS RESULTS - TPH-DIESEL BY EPA 8015 B
TOTAL PETROLEUM HYDROCARBONS**

CLIENT: GEOSOILS, INC.
PROJECT NAME/No.: PALA

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE EXTRACTED: 12/17/01
DATE ANALYZED: 12/19/01
MATRIX: WATER

SAMPLE ID:	EMA LOG #:	TPH-DIESEL C10 - C28			SURROGATE SPIKE 1-BROMO-4-FLUOROBENZENE
		RL	DF	RESULTS PPB (UG/L)	% RECOVERY
-----	METHOD BLANK	500	1	ND	107
WS-1	2991-01-11	500	1	ND	109

ACCEPTABLE RANGE: 77-135

RL = REPORTING LIMITS

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



ANALYSIS RESULTS

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
ANALYSIS METHOD: SMEWW 4500 NO3 E
ANALYSIS: NITRATE AS N

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE ANALYZED: 12/13/01
MATRIX: SOIL

SAMPLE ID	EMA LOG #	REPORTING LIMITS PPM (MG/KG)	DF	RESULTS PPM (MG/KG)
HA-1 @ 0-1' ±	2991-01-1	25	25	109
HA-2 @ 0-1' ±	2991-01-2	25	25 *	ND
HA-3 @ 0-1' ±	2991-01-3	25	25	113
HA-4 @ 0-1' ±	2991-01-4	25	25	132
HA-5 @ 0-1' ±	2991-01-5	25	25	61
HA-6 @ 0-1' ±	2991-01-6	25	25	75
HA-7 @ 0-1' ±	2991-01-7	25	25	100
HA-8 @ 0-1' ±	2991-01-8	25	25	28
HA-9 @ 0-1' ±	2991-01-9	25	25	40
HA-10 @ 0-1' ±	2991-01-10	25	25	38

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED DETECTION LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: SAMPLE DILUTION NECESSARY TO REDUCE INTERFERENCES FROM NON-TARGET ANALYTES.



ANALYSIS RESULTS

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
ANALYSIS METHOD: SMEWW 4500 NO3 E
ANALYSIS: NITRATE AS N

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE ANALYZED: 12/13/01
MATRIX: WATER

SAMPLE ID	EMA LOG #	REPORTING LIMITS PPM (MG/L)	DF	RESULTS PPM (MG/L)
WS-1	2991-01-11	2.5	25	43

DF = DILUTION FACTOR

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



ANALYSIS RESULTS

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
ANALYSIS METHOD: EPA 9045
ANALYSIS: pH

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE ANALYZED: 12/12/01
MATRIX: SOIL

SAMPLE ID	EMA LOG #	REPORTING LIMITS PPM (MG/KG)	DF	RESULTS PPM (MG/KG)
HA-1 @ 0-1' ±	2991-01-1	0.1	1	6.9
HA-2 @ 0-1' ±	2991-01-2	0.1	1	7.4
HA-3 @ 0-1' ±	2991-01-3	0.1	1	8.0
HA-4 @ 0-1' ±	2991-01-4	0.1	1	6.7
HA-5 @ 0-1' ±	2991-01-5	0.1	1	6.9
HA-6 @ 0-1' ±	2991-01-6	0.1	1	6.6
HA-7 @ 0-1' ±	2991-01-7	0.1	1	6.5
HA-8 @ 0-1' ±	2991-01-8	0.1	1	6.7
HA-9 @ 0-1' ±	2991-01-9	0.1	1	6.7
HA-10 @ 0-1' ±	2991-01-10	0.1	1	7.3

DF = DILUTION FACTOR

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



ANALYSIS RESULTS

CLIENT: GEOSOILS, INC.

PROJECT NAME/No.: PALA
ANALYSIS METHOD: EPA 150.1
ANALYSIS: pH

DATE SAMPLED: 12/11/01
DATE RECEIVED: 12/11/01
DATE ANALYZED: 12/11/01
MATRIX: WATER

SAMPLE ID	EMA LOG #	REPORTING LIMITS PPM (MG/L)	DF	RESULTS PPM (MG/L)
WS-1	2991-01-11	0.1	1	6.7

DF = DILUTION FACTOR

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



QA/QC REPORT

METHOD: EPA 8081-SOIL DATE ANALYZED: 12/18/01 QA/QC SAMPLE: EMA 2991-01-10					ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
GAMMA-BHC	98	91	96	5	32-127	<30
HEPTACHLOR	104	71	82	14	34-111	<30
ALDRIN	109	99	100	1	42-122	<30
DIELDRIN	95	89	78	13	36-146	<30
ENDRIN	28 *	95	14 *	*	30-147	<30
4,4-DDT	84	60	97	47 **	25-160	<30

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: LCSD AND MSD FAILED CRITERIA. ANALYTE IS QUALIFIED

** NOTE: POOR RPD ATTRIBUTABLE TO NON-HOMOGENEITY OF SAMPLE SPIKED.

QA/QC REPORT						
METHOD:		EPA 8150-SOLID			ACCEPTABLE LCS, MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
DATE ANALYZED:		12/19/01				
QA/QC SAMPLE:		EMA 2991-01-2				
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
2,4-D	62	92	76	19	29-164	<30
2,4,5-T	43	44	33 *	29	43-133	<30
2,4,5-TP(SILVEX)	32	37	26 *	35 *	32-130	<30

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: POOR MATRIX SPIKE RECOVERY AND RPD ATTRIBUTABLE TO SAMPLE MATRIX EFFECTS. ALL OTHER QC DATA INDICATES METHOD IS IN CONTROL.

QA/QC REPORT						
METHOD: TPH-EPA 8015B-SOIL					ACCEPTABLE LCS, MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
DATE ANALYZED: 12/17/01						
QA/QC SAMPLE: EMA 2988-01-1						
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
GASOLINE	85	108	103	5	75-125	<30
DIESEL	112	114	107	6	75-125	<30

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

QA/QC REPORT					
METHOD:		EPA 8081-WATER		ACCEPTABLE	ACCEPTABLE
DATE ANALYZED:		12/18/01		LCS/LCSD	RPD
QA/QC SAMPLE:		EMA 2991-01-BLANK		CRITERIA	CRITERIA
SPIKED ANALYTE	LCS % R	LCSD % R	RPD	%	%
GAMMA-BHC	108	107	1	32-127	<30
HEPTACHLOR	101	104	3	34-111	<30
ALDRIN	114	120	5	42-122	<30
DIELDRIN	107	109	2	36-146	<30
ENDRIN	105	108	3	30-147	<30
4,4-DDT	100	111	10	25-160	<30

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

QA/QC REPORT					
METHOD:		EPA 8150-WATER		ACCEPTABLE LCS, MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
DATE ANALYZED:		12/19/01			
QA/QC SAMPLE:		EMA 2991-01-BLANK			
SPIKED ANALYTE	LCS % R	LCSD % R	RPD	%	%
2,4-D	86	82	5	35-124	<30
2,4,5-T	63	44	36 *	40-139	<30
2,4,5-TP(SILVEX)	75	56	30	52-169	<30

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: RPD FAILED, RECOVERIES ACCEPTABLE.

QA/QC REPORT

METHOD: TPH-EPA 8015B-WATER DATE ANALYZED: 12/14-19/01 QA/QC SAMPLE: EMA 2991-01-11					ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
GASOLINE	118	91	95	4	75-125	<30
DIESEL	86	86	95	10	75-125	<30

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE



QA/QC REPORT			
QA/QC SAMPLE: NSI 3162, 11-28-01			
DATE ANALYZED: 12/11-12/01			
SPIKED ANALYTE	TV	DV	AR
pH	7.00	7.08	6.82-7.18
pH	5.00	4.91	4.90-5.10

QA/QC REPORT						
DATE ANALYZED: 12/13/01					ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
NITRATE AS N	113	99	100	1	80-120	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE





Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-12-
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-10-
7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-18-
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-96-
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-08-
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-36-

LABORATORY REPORT

Prepared For: EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123

Attention: Dave Renfrew
Project: Pala/2991-01 P.O. 02046

Sampled: 12/11/01
Received: 12/18/01
Reported: 12/24/01

*This laboratory report is confidential and is intended for the sole use of
Del Mar Analytical and its client. This entire report was reviewed and approved for release.*

CA ELAP Certificate #1169
AZ DHS License #AZ0062

Chell R. J. Shoulder

Del Mar Analytical, Colton
Jeanne Shoulder
Project Manager

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Del Mar Analytical

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-362

EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123
Attention: Dave Renfrew

Client Project ID: Pala/2991-01 P.O. 02046

Report Number: CKL0258

Sampled:12/11/01

Received:12/18/01

METALS

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: CKL0258-01 (WS-1 - Water)								
Organic Lead	Title 22 Ap. XI C1L2408	0.50	ND	1	12/24/01	12/24/01		

Del Mar Analytical, Colton
Jeanne Shoulder
Project Manager

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EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123
Attention: Dave Renfrew

Client Project ID: Pala/2991-01 P.O. 02046

Report Number: CKL0258

Sampled: 12/11/01

Received: 12/18/01

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Data Qualifiers
<u>atch: C1L2408 Extracted: 12/24/01</u>										
Blank Analyzed: 12/24/01 (C1L2408-BLK1)										
Organic Lead	ND	0.50	mg/l							
LCS Analyzed: 12/24/01 (C1L2408-BS1)										
Organic Lead	0.689	0.50	mg/l	1.25		55	50-120			
Matrix Spike Analyzed: 12/24/01 (C1L2408-MS1)										
Organic Lead	ND	0.50	mg/l	1.25	ND	8	65-115			M2
Matrix Spike Dup Analyzed: 12/24/01 (C1L2408-MSD1)										
Organic Lead	ND	0.50	mg/l	1.25	ND	6	65-115	16	30	M2

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Jeanne Shoulder
Project Manager

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EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123
Attention: Dave Renfrew

Client Project ID: Pala/2991-01 P.O. 02046

Report Number: CKL0258

Sampled:12/11/01

Received:12/18/01

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
NR Not reported.
RPD Relative Percent Difference

Del Mar Analytical, Colton
Jeanne Shoulder
Project Manager

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EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123
Attention: Dave Renfrew

Client Project ID: Misc. Organic Lead Sub
Pala/2991-01 P.O. 02046
Report Number: CKL0173

Sampled: 12/11/01
Received: 12/12/01

METALS

Analyte	Method	Batch	Reporting Limit mg/kg	Sample Result mg/kg	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: CKL0173-01 (HA-1@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-02 (HA-2@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-03 (HA-3@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-04 (HA-4@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-05 (HA-5@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-06 (HA-6@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-07 (HA-7@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	
Sample ID: CKL0173-08 (HA-8@0-1 I - Soil)								
Organic Lead	Title 22 Ap. XI C1L1811		1.0	ND	1	12/18/01	12/19/01	

Del Mar Analytical, Colton
Jeanne Shoulder
Project Manager

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CKL0173 <Page 2 of 5>



EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123
Attention: Dave Renfrew

Client Project ID: Misc. Organic Lead Sub
Pala/2991-01 P.O. 02046
Report Number: CKL0173

Sampled: 12/11/01
Received: 12/12/01

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
<u>atch: C1L1811 Extracted: 12/18/01</u>									
Blank Analyzed: 12/19/01 (C1L1811-BLK1)									
Organic Lead	ND	1.0	mg/kg						
LCS Analyzed: 12/19/01 (C1L1811-BS1)									
Organic Lead	10.4	1.0	mg/kg	10.0		104	65-120		
Matrix Spike Analyzed: 12/19/01 (C1L1811-MS1)									
Organic Lead	ND	1.0	mg/kg	10.0	ND		70-115		M2
Matrix Spike Dup Analyzed: 12/19/01 (C1L1811-MSD1)									
Organic Lead	ND	1.0	mg/kg	10.0	ND		70-115	30	M2

Del Mar Analytical, Colton
Jeanne Shoulder
Project Manager

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EnviroMatrix Analytical, Inc.
4340 Viewridge Avenue, Suite A
San Diego, CA 92123
Attention: Dave Renfrew

Client Project ID: Misc. Organic Lead Sub
Pala/2991-01 P.O. 02046
Report Number: CKL0173

Sampled:12/11/01
Received:12/12/01

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
NR Not reported.
RPD Relative Percent Difference

Del Mar Analytical, Colton
Jeanne Shoulder
Project Manager

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CKL0173 <Page 5 of 5>

CHAIN-OF-CUSTODY RECORD

—EnviroMatrix Analytical, Inc.—



4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763

PTAS LOG #: 20991-01

PTAS DATE/TIME STAMP

REQUESTED ANALYSIS

Client: <u>California Dept. of Transportation</u>				REQUESTED ANALYSIS											
Address: <u>5700 La Jolla Village Dr.</u>				418.1 (TRPH)											
Attn: <u>J. A. Lopez</u>				Oil & Grease 413.1 <u> </u> 413.2 <u> </u>											
Phone: <u>(619) 497-2155</u>				TPH (8015B) Gas <u> </u> Diesel <u> </u>											
Sampled by: <u>SA Lopez</u>				TPH-Extended 8015B <u> </u> ASTM D2887 <u> </u>											
Fax: <u>(619) 421-0915</u>				602 / 8020 BTXE <u> </u> MTBE <u> </u>											
Billing Address: <u>SA Lopez</u>				601 / 8010 (Purgeable Halocarbons)											
Project: <u>State</u>				608 / 8081 (Pesticides)											
PO #: <u>W00 E3176-SC</u>				608 / 8082 (PCB's)											
PTAS ID #				624 / 8260 (Volatile Organics)											
Client Sample ID				625 / 8270 (Semi Volatile Organics)											
Sample Date				TTLC Metals (CAC Title 22)											
Sample Time				STLC Metals (CAC Title 22)											
Sample Matrix				TCLP (RCRA) Metals <u> </u> Organics <u> </u>											
Container(s) # Type*				Cd Cr Cu Pb Ni Ag Zn											
1 <u>HA-1 200-1-L</u>				pH EC TSS											
2 <u>HA-2 200-1-L</u>				<u>64181411 Particulate</u>											
3 <u>HA-3 200-1-L</u>				<u>64181511 (checked)</u>											
4 <u>HA-4 200-1-L</u>				<u>Total Dissolved Pb</u>											
5 <u>HA-5 200-1-L</u>				<u>Nitrate</u>											
6 <u>HA-6 200-1-L</u>															
7 <u>HA-7 200-1-L</u>															
8 <u>HA-8 200-1-L</u>															
9 <u>HA-9 200-1-L</u>															
10 <u>HA-10 200-1-L</u>															
*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)				RELINQUISHED BY											
Tampers-Proof Seals Intact: Yes No N/A				DATE/TIME											
Sample(s): Cold Ambient Warm				Signature											
VOAs w/ZHS: Yes No N/A				Print											
All Samples Properly Preserved: Yes No N/A				Company: <u>SA Lopez</u>											
Disposition: N/C (aqueous) *PTAS (@\$5.00/sample) Return Hold				Signature											
Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal				Print											
Comments:				Company: <u>SA Lopez</u>											
				Signature											
				Print											
				Company: <u>SA Lopez</u>											
				Signature											
				Print											
				Company: <u>SA Lopez</u>											
				Signature											
				Print											

* PTAS reserves the right to return samples that do not match our waste profile. White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples)

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763

EnviroMatrix



Analytical, Inc.

PTAS LOG #: 2991-01

PTAS DATE/TIME STAMP
REQUESTED ANALYSIS

Client: (858) 560-7717

Address: 5741 Palmdale Hwy

City: Palmdale, CA 93550

Phone: (818) 478-3155

Sampled by: E.A. Long Fax: 877-0415

Billing Address: 5741 Palmdale Hwy

Project: 2991-01

418.1 (TRPH)	
Oil & Grease 413.1 413.2	
TPH (8015B) Gas Diesel	
TPH-Extended 8015B ASTM D2887	
602 / 8020 BTXE MTBE	
601 / 8010 (Purgeable Halocarbons)	
608 / 8081 (Pesticides)	
608 / 8082 (PCB's)	
624 / 8260 (Volatile Organics)	
625 / 8270 (Semi Volatile Organics)	
TTLIC Metals (CAC Title 22)	
STLIC Metals (CAC Title 22)	
TCLP (RCRA) Metals Organics	
Cd Cr Cu Pb Ni Ag Zn	
pH EC TSS	
614/814: Portion	
615/815: Portion	
Total Organic Pb	
Asbestos	

PTAS ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	418.1 (T	Oil & Gr	TPH (80	TPH-Ex	602 / 80	601 / 80	608 / 80	608 / 80	624 / 82	625 / 82	TTLC M	STLC M	TCLP (Cd Cr	pH EC	614	615	TU	N
1	MS-1	12/14/01	2:00 PM	Water	8.619																				
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

RECEIVED BY

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No N/A

Sample(s): Cold Ambient Warm

VOAS w/ZHS: Yes No N/A

All Samples Properly Preserved: Yes No N/A

Disposition: N/C (aqueous) *PTAS (@\$5.00/sample) Return Hold

Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal

Comments:

RELINQUISHED BY

DATE/TIME

RECEIVED BY

Signature

Print

Company:

Signature

Print

Company:

Signature

Print

Company:

White - PTAS

Canary - Accounting

Pink - Client (w/Report)

Goldend - Client (Relinquish Samples)

* PTAS reserves the right to return samples that do not match our waste profile.

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

Project: PALA/2991-01

Sample ID: HA-1@0-1'

Sample Collection Date: 12/11/01

ARF: 37129

APPL ID: AP26313

QCG: \$8141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Def/Mepphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Demeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Elhoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfthion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	114	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	106	41-137	%	12/17/01	12/20/01

Run #: 298

Instrument: NPD03

Sequence: 011212

Dilution Factor: 1

Initials: SS

Printed: 12/20/01 2:51:40 PM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Alln: Dave Renfrew

Project: PALA/2991-01

Sample ID: HA-2@0-1'

Sample Collection Date: 12/11/01

ARF: 37129

APPL ID: AP26314

QCG: 58141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Del/Morphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Decmeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfothion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	119	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	107	41-137	%	12/17/01	12/20/01

Run #: 299
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/20/01 2:51:40 PM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

Project: PALA/2991-01

Sample ID: HA-3@0-1'

Sample Collection Date: 12/11/01

ARF: 37129

APPL ID: AP26315

QCG: \$8141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Def/Mepphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Demeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Elthoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfthion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfolep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tekuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	115	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	111	41-137	%	12/17/01	12/20/01

Run #: 301
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/20/01 2:51:41 PM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

Project: PALA/2991-01

Sample ID: HA-5@0-1'

Sample Collection Date: 12/11/01

ARF: 37129

APPL ID: AP26317

QCG: \$8141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Def/Merphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Demeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfothion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pondimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	131	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	112	41-137	%	12/17/01	12/20/01

Run #: 303
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/20/01 2:51:42 PM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

Project: PALA/2991-01

Sample ID: HA-6@0-1'

Sample Collection Date: 12/11/01

ARF: 37129

APPL ID: AP26318

QCG: S8141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Defl/Mepphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Demelon (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfthion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sitrofos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	124	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	108	41-137	%	12/17/01	12/20/01

Run #: 306
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/21/01 7:42:21 AM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

Project: PALA/2991-01

Sample ID: HA-7@0-1'

Sample Collection Date: 12/11/01

ARF: 37129

APPL ID: AP26319

QCG: S8141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Def/Mepphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Gemeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfothion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	131	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	103	41-137	%	12/17/01	12/20/01

Run #: 307
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/21/01 7:42:22 AM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

Attn: Dave Renfrew
Project: PALA/2991-01

Sample ID: HA-9@0-1'

Sample Collection Date: 12/11/01

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

ARF: 37129

APPL ID: AP26321

QCG: SB141S-011217A-43174

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Delf/Merphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Demeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfothion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotep	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	121	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	115	41-137	%	12/17/01	12/20/01

Run #: 309
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/21/01 7:42:23 AM

EPA 8141A OP Pesticides Soil

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

ARF: 37129

Project: FALA/2991-01

APPL ID: AP26322

Sample ID: HA-10@0-1'

QCG: \$8141S-011217A-43174

Sample Collection Date: 12/11/01

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl (Guthion)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Bolstar	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Coumaphos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Del/Merphos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Demeton (Total)	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Diazinon	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Dichlorvos	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Dimethoate	Not detected	100	ug/kg	12/17/01	12/20/01
EPA 8141A	Disulfoton	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	EPN	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ethoprop	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Fensulfothion	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Fenthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Malathion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Mevinphos	Not detected	350	ug/kg	12/17/01	12/20/01
EPA 8141A	Naled	Not detected	250	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, ethyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Parathion, methyl	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Phorate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Ronnel	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Stirophos	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Sulfotap	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Tokuthion	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trichloronate	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Trifluralin	Not detected	50	ug/kg	12/17/01	12/20/01
EPA 8141A	Surrogate: Tributylphosphate	122	41-142	%	12/17/01	12/20/01
EPA 8141A	Surrogate: Triphenylphosphate	116	41-137	%	12/17/01	12/20/01

Run #: 310
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/21/01 7:42:24 AM

EPA 8141A OP Pesticide Water

Enviro Matrix Analytical, Inc.
4340 Viewridge Ave Ste A
San Diego, CA 92123

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Dave Renfrew

Project: PALA/2991-01

Sample ID: WS-1

Sample Collection Date: 12/11/01

ARF: 37129

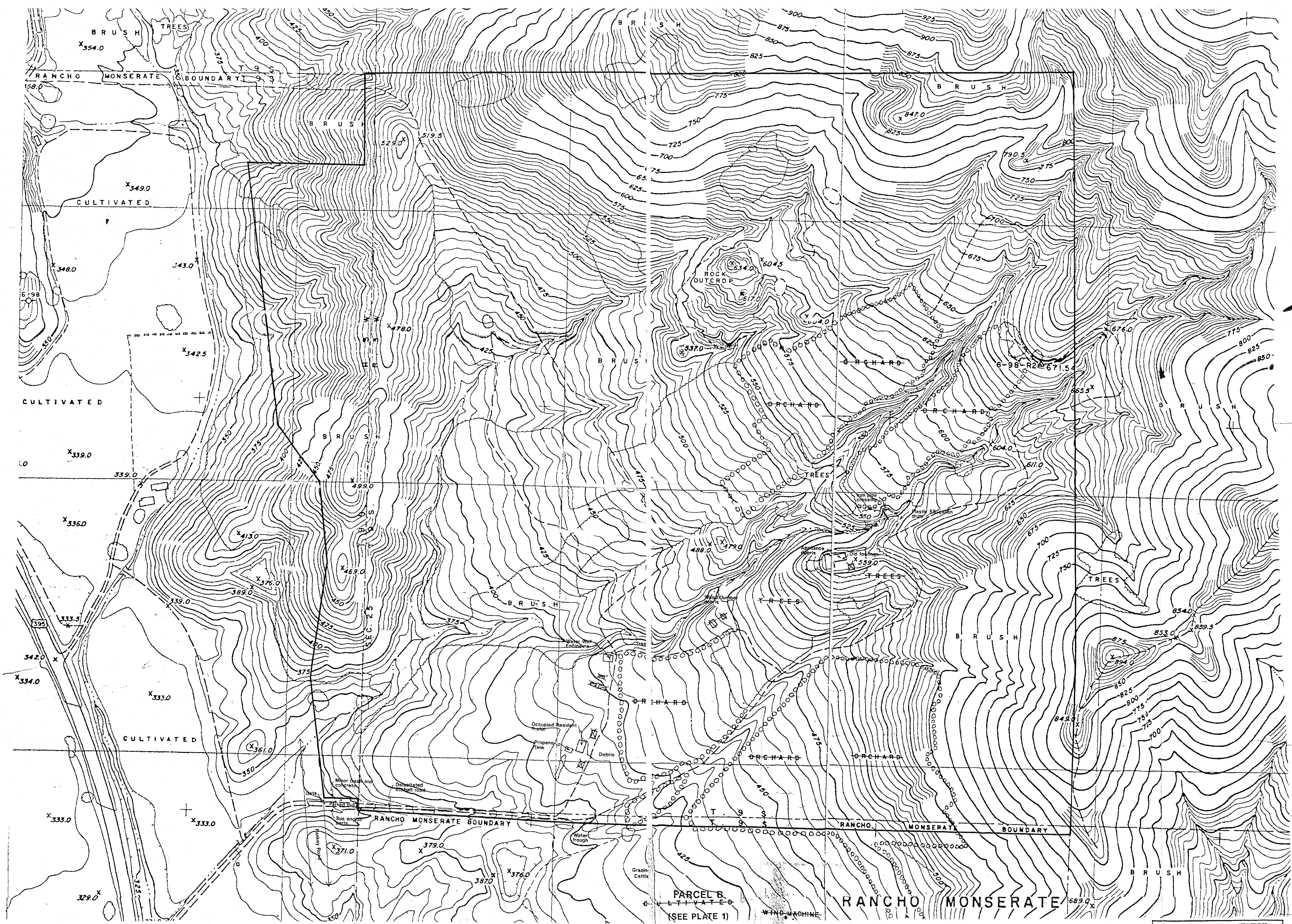
APPL ID: AP26323

QCG: \$814LL-011213A-43129

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8141A	Azinphosmethyl	Not detected	1.0	ug/L	12/13/01	12/16/01
EPA 8141A	Bolstar	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Chlorpyrifos (Dursban)	Not detected	0.05	ug/L	12/13/01	12/16/01
EPA 8141A	Coumaphos	Not detected	0.20	ug/L	12/13/01	12/16/01
EPA 8141A	Def/Mepphos	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Demeton (Total)	Not detected	0.20	ug/L	12/13/01	12/16/01
EPA 8141A	Diazinon	Not detected	0.05	ug/L	12/13/01	12/16/01
EPA 8141A	Dichlorvos	Not detected	0.20	ug/L	12/13/01	12/16/01
EPA 8141A	Dimethoate	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Disulfoton	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	EPN	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	EPTC	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Ethion	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Ethoprop	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Fensulfthion	Not detected	0.50	ug/L	12/13/01	12/16/01
EPA 8141A	Fenthion	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Malathion	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Mevinphos	Not detected	0.70	ug/L	12/13/01	12/16/01
EPA 8141A	Naled	Not detected	0.50	ug/L	12/13/01	12/16/01
EPA 8141A	Parathion, ethyl	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Parathion, methyl	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Phorate	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Prowl (Pendimethalin)	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Ronnel	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Stirophos	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Sulfotep	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Tokuthion	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Trichloronate	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Trifluralin	Not detected	0.10	ug/L	12/13/01	12/16/01
EPA 8141A	Surrogate: Tributylphosphate	95.0	47-126	%	12/13/01	12/16/01
EPA 8141A	Surrogate: Triphenylphosphate	91.0	42-123	%	12/13/01	12/16/01

Run #: 167
Instrument: NPD03
Sequence: 011212
Dilution Factor: 1
Initials: SS

Printed: 12/20/01 1:16:06 PM



PARCEL A
(See Plate 2)

RANCHO MONSERATE

RANCHO MONSERATE

RANCHO

ALL LOCATIONS ARE APPROXIMATE

GeoSols, Inc.
LOS ANGELES CO.
RIVERSIDE CO.
SAN DIEGO CO.

**SITE MAP
(PARCEL B)**

Plate 2

WD: E3775-SC DATE: 1/02 SCALE: 1"=300'

P.1. 3d

WELL DESTRUCTION PERMIT

PASSERELLE

October 13, 2005

Alyssa Maxson, M.P.A.
County of San Diego
Department of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123-1666

Subject: Well Destruction Permit

Dear Alyssa,

Passerelle LLC would like to request a little more time in order to process the Well Destruction Permit and close the wells, which will no longer be needed.

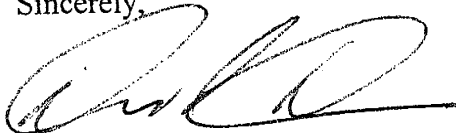
We originally started with Geo Soils in order to assist us with this endeavor. After several months of discussions and research, it turns out that Geo Soils has recommended Scotts Drilling Service 760-966-1613. We have pursued with Scotts Drilling Service and were assured that we would at least have a permit to include with this application.

This just did not happen. We have enclosed the information we have gathered to date and are still in the process of obtaining a Well Destruction Permit and will keep you informed regarding our progress.

We apologize for the inconvenience and we will continue to work with Scotts Drilling Service to complete this item as time permits.

Thank you for your consideration on this matter.

Sincerely,



David S. Davis
Land Development Manager
Passerelle LLC



County of San Diego

Department of Environmental Health

Land and Water Quality Division

El Cajon Office
200 East Main St., 6th Floor
El Cajon, CA 92020
(619) 441-4030

San Diego Office
5201 Ruffin Road, Suite C
San Diego, CA 92123
(858) 565-5173

San Marcos Office
338 Via Vera Cruz, 2nd Floor
San Marcos, CA 92069
(760) 471-0730

Approved Well Drillers List

December 1, 2004

Well Driller	Phone Number	C-57 License
ABC Liovin Drilling	(562) 981-8575	422904
Access Drilling, Inc.	(562) 593-4325	731556
Ace Excavating & Environmental Svcs.	(619) 441-4900	704463
Acme Drilling Co., Inc.	(760) 489-5104	526886
Advanced GeoEnvironmental, Inc.	(714) 996-5151	680227
Aguanga Water Well Service	(714) 767-9355	331998
Alton Geoscience	(849) 753-0101	408606
American Caisson, Inc	(310) 668-2030	520180
American Construction, Inc.	(415) 381-2838	310599
Apex Environmental Services	(714) 890-5830	561117
Applied Hydrogeologic Construction	(619) 275-6577	512010
A & R Drilling Co., Inc	(310) 768-1638	492082
Aspin Well Drilling	(760) 518-5510	583402
A & W Drill Rentals, Inc	(562) 697-7715	641859
Baja Exploration	(760) 737-6896	804318
BC2 Environmental Corporation	(714) 449-2990	686255
Beylik Drilling, Inc	(714) 870-5360	306291
Boart Longyear	(801) 973-6667	694686
Butler Drilling Company	(619) 445-2587	652207
C & L Drilling Company	(310) 691-3533	568520
C.H.D.S., Inc.	(760) 727-7330	624663
Cascade Drilling, Inc.	(562) 929-8176	717510
Clearwater Drilling	(909) 926-4648	589664
ConEx Drill Company	(760) 843-7306	754005
Core Probe International	(909) 596-0975	772519
Cruse Drilling	(661) 588-1237	606943
Dayton, Douglas Paul. aka. Giles Engineering	(214) 358-5885	647935
Dean Alexander Water Well Drilling	(909) 767-0295	294289
DeChenne Water Well Drilling	(909) 676-7867	491102
Diamond Well Drilling	(916) 823-0354	398306
Directed Technologies Drilling Inc.	(253) 573-0051	720357
Discovery Drilling	(714) 537-8454	635740

KIMBLE

Sam Crum Water Well Drilling, Inc.	(818) 252-5700	593583
SB Well Service (Stehly Well Drillers)	(760) 742-3668	709686
Scotts Drilling Service	(760) 966-1613	713741
Socal Pump & Well Drilling	(909) 341-5025	510826
Spectrum Exploration	(858) 375-7766	512268
Spencer Drilling & Pump Service Co.	(909) 676-4011	350269
Stehly Well Drillers - See SB	(760) 742-3668	709686
Teyssier & Teyssier, Inc.	(619) 234-7966	157971
THF Drilling, Inc.	(909) 357-0881	505990
Tri-County Drilling	- (858) 271-0099	547737
Valley Well Drilling	(307) 385-3125	550719
Vironex	(714) 647-6290	705927
Warden, John H.	(760) 789-2539	681782
Water Development Corp.	(800) 974-2769	283326
West Haz-Mat Drilling	(714) 939-6850	554979
Widner, Arthur G.	(760) 749-2681	528518

PASSERELLE ASSESSOR PARCEL NUMBERS

Southern Property- ³²⁴~~325~~ acres

- 108-120-47 - 108-121-12 -

108-120-49 - 108-121-13 -

108-120-50 - 125-061-02

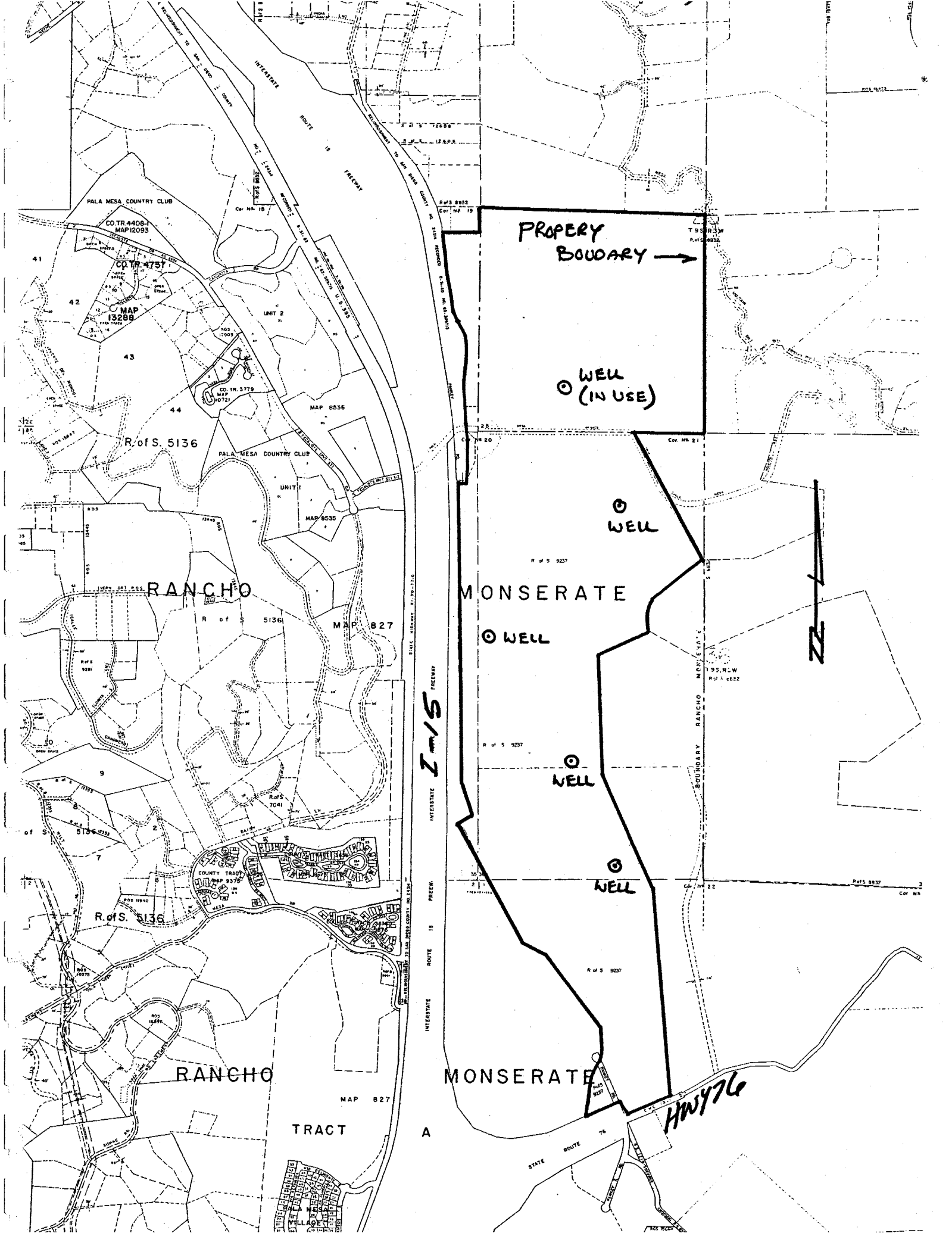
108-120-51 - 125-061-03

Northern Property- ¹⁷⁰~~175~~ acres

108-421-03

108-421-04

Total Acreage for site 500 acres





County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH LAND AND WATER QUALITY DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933

www.sdcounty.ca.gov/deh/lwq

RICHARD HAAS
ASSISTANT DIRECTOR

PROPERTY OWNER RESPONSIBILITY ACKNOWLEDGEMENT

Proposed locations for subsurface work:

Property Address:

Assessor's Parcel Number (APN):

1141476 / T-15
NORTH EAST Corner

See Attached

I, DAVID S. DAVIS, owner of the property/properties listed above, give my permission to SCOTT'S DRILLING SERVICE (consulting company, contractor) to conduct the following work at the locations stated above.

☐ Install _____ monitoring wells

☒ Destroy 4 monitoring wells

☐ Drill _____ soil borings

The person who causes to have a monitoring well installed or an existing well destroyed on this property is defined as the *Responsible Party*. San Diego County Code, Section 67.424, states that: "Monitoring wells shall be maintained to meet construction or destruction standards. If a monitoring well does not meet construction or destruction standards, the *Responsible Party* must repair, reconstruct or destroy the monitoring well so it meets the standards. The property owner, if different than the *Responsible Party*, must take the necessary actions to repair, reconstruct or destroy the monitoring well so it meets the standards if the *Responsible Party* does not complete the necessary actions."

A soil boring is used specifically to sample soil and, because there are construction and destruction standards, is included in the definition of a monitoring well even though no maintenance is required. These standards are outlined in the County of San Diego Site Assessment and Mitigation (SAM) Manual and the State of California Well Standards Bulletin 74-90.

I understand that SCOTT'S DRILLING (registered professional) of 713741 (consulting company) and an authorized signer for SCOTT'S DRILLING SERVICE (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

I also understand that if either the registered professional and/or the licensed drilling company should fail in their responsibilities as defined in San Diego County Code, Section 67.424, I, as the property owner, must take the necessary actions to repair, reconstruct or destroy the monitoring well so it meets the standards if the *Responsible Party* does not complete the necessary actions.

The scope of work covered by this Acknowledgement will expire one year from the date of the property owner's signature below. If an extension of time beyond one year is required to complete the proposed drilling activities or additional work is proposed, a new Property Owner Responsibility Agreement will be required.

Property Owner Signature: [Signature] Date: 10-10-05

Print Name: DAVID S. DAVIS Title: Land Development Manager

Company: Pasadena LLC

Mailing Address: 402 West Broadway, Suite 2175



**PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS**

OFFICE USE ONLY	
PERMIT LMON #	_____
SAM CASE Y/N #	_____
DATE RECEIVED:	_____
FEE PAID:	_____
CHECK #	_____

A. RESPONSIBLE PARTY Passerelle LLC Phone 619 696-7355
(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
Mailing Address 402 W Broadway, Ste 2175 City San Diego State CA Zip 92121
Contact Person David Davis Phone 619 696-7355 Ext. — Fax 619 696-7487

B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE # ✓

C. CONSULTING FIRM Scotts Drilling Service
Mailing Address _____ City _____ State _____ Zip _____
Registered Professional _____ Registration # _____ (PG, RCE)
Contact Person _____ Phone _____ Ext. _____ Fax _____
Circle if applicable

D. DRILLING COMPANY Scotts Drilling Service C57# _____
Contact Name _____
Mailing Address _____ City _____ State _____ Zip _____
Phone _____ Ext. _____ Fax _____

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED	MATERIALS TO BE USED	PROPOSED CONSTRUCTION														
<input checked="" type="checkbox"/> Groundwater # _____ <input type="checkbox"/> Vadose _____ <input type="checkbox"/> Boring _____ <input type="checkbox"/> Other _____	<table border="0"><tr><td>CASING</td><td>SEAL/BORING BACKFILL</td></tr><tr><td>Not Applicable _____</td><td><input type="checkbox"/> Neat Cement</td></tr><tr><td>Type _____</td><td><input type="checkbox"/> Cement & Bentonite</td></tr><tr><td>Gauge _____</td><td><input type="checkbox"/> Sand-Cement</td></tr><tr><td>Diameter _____</td><td><input type="checkbox"/> Bentonite</td></tr><tr><td>Well Screen Size _____</td><td><input type="checkbox"/> Other _____</td></tr><tr><td>Filter Pack _____</td><td>Borehole diameter _____</td></tr></table>	CASING	SEAL/BORING BACKFILL	Not Applicable _____	<input type="checkbox"/> Neat Cement	Type _____	<input type="checkbox"/> Cement & Bentonite	Gauge _____	<input type="checkbox"/> Sand-Cement	Diameter _____	<input type="checkbox"/> Bentonite	Well Screen Size _____	<input type="checkbox"/> Other _____	Filter Pack _____	Borehole diameter _____	Estimated groundwater depth: _____ ft. Estimated depth of boring _____ ft. Concrete surface seal <u>0</u> to <u>3</u> Annular seal _____ to _____ Bentonite transition seal _____ to _____ Filter Pack _____ to _____ Perforation _____ to _____
CASING	SEAL/BORING BACKFILL															
Not Applicable _____	<input type="checkbox"/> Neat Cement															
Type _____	<input type="checkbox"/> Cement & Bentonite															
Gauge _____	<input type="checkbox"/> Sand-Cement															
Diameter _____	<input type="checkbox"/> Bentonite															
Well Screen Size _____	<input type="checkbox"/> Other _____															
Filter Pack _____	Borehole diameter _____															
NUMBER OF WELLS TO BE DESTROYED <input checked="" type="checkbox"/> <u>4</u>	Drilling Method <input type="checkbox"/> Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Other <input type="checkbox"/> Percussion	NOTE: Attach a well construction diagram for wells with multiple completions														

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE _____ DATE _____

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

PG/RCE SIGNATURE _____ DATE _____

F. SITE INFORMATION

1. ASSESSOR'S PARCEL NUMBER

Site Name See Attached
Site Address Corpus Park City Fairbank Zip 92

PROPERTY OWNER

Phone 619 686-7355 Ext. Fax
Mailing Address Passerelle City San Diego State CA Zip 92161

NUMBER OF WELLS 4 TYPE OF WELLS Water

2. ASSESSOR'S PARCEL NUMBER

Site Name //
Site Address City Zip

PROPERTY OWNER

Phone Ext. Fax
Mailing Address City State Zip

NUMBER OF WELLS TYPE OF WELLS

3. ASSESSOR'S PARCEL NUMBER

Site Name //
Site Address City Zip

PROPERTY OWNER

Phone Ext. Fax
Mailing Address City State Zip

NUMBER OF WELLS TYPE OF WELLS

4. ASSESSOR'S PARCEL NUMBER

Site Name //
Site Address City Zip

PROPERTY OWNER

Phone Ext. Fax
Mailing Address City State Zip

NUMBER OF WELLS TYPE OF WELLS

Permit Fees In Effect for July 1, 2005 - June 30, 2006

G. FEES (in effect beginning July 1, 2005, through June 30, 2006)

The County Board of Supervisors authorized a *one-time 10% credit* to be applied to the Department of Environmental Health customers. This credit is being provided to qualified fee-based programs that have contributed to the cost reduction/cost containment/cost avoidance efforts initiated by the Department. This is a *one-time fee adjustment* and is applicable to fees and permits due and/or obtained during the period of July 1, 2005 through June 30, 2006. The 10% is not applicable to enforcement fees or fees relating to non-compliance of permit regulations.

ACTIVITY	FEE SCHEDULE FEE – ONE-TIME FISCAL YEAR 10% CREDIT	AMOUNT
Permit for Well Installations Only (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells)	\$185.00 for the first monitoring well \$185.00 – 10% <\$18.50> =	<u> 1 </u> x \$166.50 \$ <u> </u>
Permit for Well Maintenance Inspection (Valid for three years)	\$100.00 for first well maintenance inspection \$100.00 – 10% <\$10.00> =	<u> 1 </u> x \$ 90.00 \$ <u> </u>
Each Additional New Well	\$160.00 for each additional well installation \$160.00 – 10% <\$16.00> = \$ 30.00 for each additional well maintenance inspection \$ 30.00 – 10% <\$ 3.00> =	<u> </u> x \$144.00 \$ <u> </u> <u> </u> x \$ 27.00 \$ <u> </u>
Permit for Borings Only (CPT's, Hydropunch, Geoprobos, Temporary Well Points, etc.)	\$185.00 for the first boring \$185.00 – 10% <\$18.50> = \$ 50.00 for each additional boring \$ 50.00 – 10% <\$ 5.00> =	<u> 1 </u> x \$166.50 \$ <u> </u> <u> </u> x \$ 45.00 \$ <u> </u>
Permit for Well Destructions Only	\$185.00 for the first destruction \$185.00 – 10% <\$18.50> = \$120.00 for each additional destruction \$120.00 – 10% <\$12.00> =	<u> 1 </u> x \$166.50 \$ <u> </u> <u> </u> x \$108.00 \$ <u> </u>
Permit for any Combination of Well Installations, Borings, & Destructions (except UST backfill permit) Permit for any Combination of Well Installations, Borings, & Destructions (except UST backfill permit)	The first activity will be \$185.00. \$185.00 – 10% <\$18.50> = Additional activities will be as follows: \$160.00 for each additional well \$160.00 – 10% <\$16.00> = \$100.00 for first well maintenance inspection \$100.00 – 10% <\$10.00> = \$ 30.00 for each additional well maintenance inspection \$ 30.00 – 10% <\$ 3.00> = \$ 50.00 for each additional boring \$ 50.00 – 10% <\$ 5.00> = \$120.00 for each well destruction \$120.00 – 10% <\$12.00> =	<u> 1 </u> x \$166.50 \$ <u> </u> <u> </u> x \$144.00 \$ <u> </u> <u> 1 </u> x \$ 90.00 \$ <u> </u> <u> </u> x \$ 27.00 \$ <u> </u> <u> </u> x \$ 45.00 \$ <u> </u> <u> </u> x \$108.00 \$ <u> </u>
	TOTAL COST OF PERMIT	\$ <u> </u>
Permit for Underground Storage Tank Monitoring System in Backfill (i.e. Enhanced Leak Detection)	(Flat Fee) \$320.00 – 10% <\$32.00> =	<u> </u> \$288.00

H. **QUESTIONNAIRE:** Please answer all applicable questions completely. *For well destructions, complete only #1 below and submit any required supportive documentation.*

1. If wells are to be destroyed, provide a description of method of destruction Casing
2. What is the purpose of the well/boring investigation?
 - ☐ a. Part of an ongoing site assessment case in which DEH or another government regulator is the lead agency.
 - ☐ b. Part of a Phase I investigation for property ownership transfer or: _____
 - ☐ c. Geotechnical investigation for proposed construction, land stabilization or: _____
 - ☐ d. Other: _____
3. What procedures will be used to prevent the well/boring from providing an avenue to contamination during construction?

4. What field procedures will be utilized to determine if contamination exists?

5. What procedures will be used to determine whether samples will be sent for laboratory testing or archiving?

6. What constituents will be monitored and tested (Include EPA Laboratory Test Methods to be used)?

7. How will samples be transported and preserved? _____
8. What sampling methods will be used? _____
9. Are you proposing a variation from the methods and/or procedures presented in the requirements for the construction or destruction of Vadose and Groundwater Monitoring Wells (Current SAM Manual Requirements)? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (http://www.sdcounty.ca.gov/deh/lwq/sam/monitoring_well.html). :Yes ☐ No ☐
10. Are you proposing a variation in drilling and destruction of soil borings from the methods and/or procedures specified in the current SAM manual? If yes, specify these variations and *include a destruction diagram*.
Yes ☐ No ☐
11. What procedures will be used to ensure that the drilling equipment will introduce no contamination?

12. What methods will be used to clean sampling equipment? _____
13. What cleaning method will be used to clean casing and screen prior to installation? _____

INSTRUCTIONS FOR COMPLETING MONITORING WELL PERMIT APPLICATIONS

Submit one (1) original and three (3) copies of this application package, including plan drawings with the required fee to the Monitoring Well Permit Desk, Department of Environmental Health, Site Assessment and Mitigation Program (SAM) at 1255 Imperial Avenue, San Diego, CA 92101 or mail the application package to P. O. Box 129261, San Diego, CA 92112-9261. All accompanying documentation must be included in each application package. Information in addition to that presented in the application package may be needed in order to obtain final approval. Any application that is missing information or documents may be returned to the submitter as incomplete. Allow ten business days for processing.

Checks should be made payable to the County of San Diego.

PLEASE PROVIDE ALL INFORMATION AS REQUIRED ON THE APPLICATION FORM

- A. Responsible Party** – the person, persons or company who has or who causes to have constructed, repaired, reconstructed, maintained and /or destroyed, the proposed borings and/or wells.
- B. Site Assessment Project:** If there is a Site Assessment and Mitigation (SAM) case (open or closed), please provide the Establishment Number and release number. EXAMPLE: H00011-002.
- C. Consulting Firm:** Well design, logging and construction must be supervised by a Geologist, Engineering Geologist or Civil Engineer who is registered or certified by the State of California.
- D. Drilling Company:** Well driller must have an active C-57 License and current \$7,500 bond with the County.
- E. Proposed Construction:** Provide all requested data concerning the proposed construction/destruction of wells and/or drilling of borings. Be sure that the registered professional and the authorized person for the drilling company have both signed the first/original application.
- F. Site Location:** Space is provided on the application for more than one site. If your application includes more than one parcel, the sites must be adjacent to one another or located within the same block. Please provide the correct Assessor's Parcel Number(s). Identify each parcel on the accompanying site map and provide accurate property owner information. You can verify the parcel number by accessing the Internet SANGIS site at: <http://www.sangis.org/SangisInteractive/viewer/viewer/asp> or by calling the Assessor's Office at (619) 236-3771. If the property in question is undeveloped or otherwise difficult to identify, the Mapping Division of the Assessor's office may be able to assist you. Their phone number is (619) 531-5588. In addition, if the work is to be done in the public right-of-way or other location that has no assessor's parcel identification, use the APN of the adjacent property closest to your proposed drilling location.
Military Sites: Some bases are divided into "areas". Since the bases are so large, please include only one "area" per application in addition to the parcel number. If you are in doubt about how a military site is designated, please check first with your military contact person. If it is still not clear how to proceed, call our office and we will help you.
- G. Fees:** Please use the fee table included in the application to compute the appropriate fees for your project. If you are in doubt, please contact the Monitoring Well Website <http://www.sdcountry.ca.gov/deh/lwq/sam/monitoring-well.htm> or the Well Permit Desk (619 338-2339) for assistance.
- H. Questions:** Provide full and accurate answers to all applicable questions. For well destructions, complete only Question #1 and provide applicable supporting documents.

ADDITIONAL SUPPORTING DOCUMENTS:

Site Maps: All applications must include a site map giving location of property lines, existing improvements such as structures, underground tanks, underground utilities, underground piping, and the proposed monitoring and/or observation wells. Please be sure the site map also shows the streets bounding your site property. Sometimes you can do it all with just one map and other times it may require one site-specific map and one more general area map. If you are in doubt, ask yourself: "If I were unfamiliar with this site/area, would I be able to locate the property and the wells using this map?"

Traffic Control Permits: If your proposed work will be located in a public right-of-way that requires permits from the city in which the work is being done, you must include a copy of the application for the traffic control permit in your application package.

Property Owner Responsibility Acknowledgement (PORA): This document, completed and signed by the property owner¹, must accompany all applications except work proposed for on-site open LOP/SAM cases, Military property or Caltrans property.¹

¹ The property owner may be an individual, several individuals or a company/corporation. If not a private individual(s), the signer must be an officer of the company. A "manager" may not sign for the property owner unless DEH receives written verification that the property owner has authorized this person to sign on his/or her behalf.



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

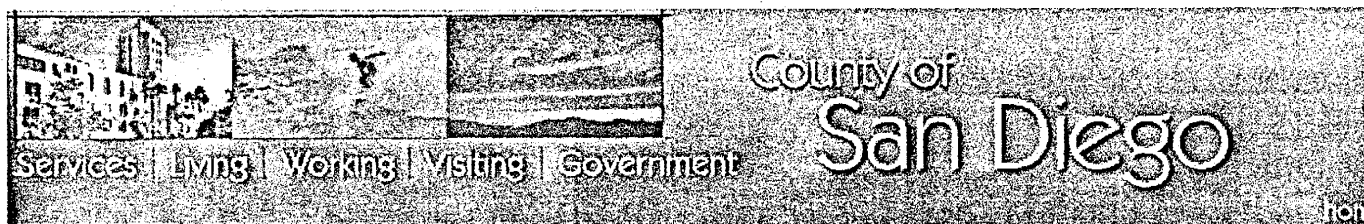
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

RICHARD HAAS
ASSISTANT DIRECTOR

Instruction Sheet Variance for Alternatives to SAM Well Destruction Guideline

1. What circumstances prevent the well from being destroyed by over drilling?
2. Submit the well completion log for each well under consideration. The log must contain the following information:
 - a. Depth, thickness and composition of the annular seal
 - b. Depth, thickness and composition of the well casing
 - c. Screened interval (including screen size and composition)
3. The well must have a minimum well seal of 20 feet.
4. The well must be physically inspected and found to be free of any physical obstruction. If obstructions are found, they must be removed prior to pressure grouting.
5. Submit a description of the method proposed to **cut the casing** from below the well annular seal through the section of filter pack and screen, to the bottom of the well. Cutting the casing is required to open the well adequately so that the grout may freely migrate into the surrounding gravel pack during the pressure grouting operation.
6. Provide a description of how the grouting equipment will be connected to the wellhead. A proper connection to the wellhead is critical to pumping grout under pressure.
7. Provide information on how the well security structure will be removed. Generally the security structure is to be removed to a depth of 3 feet.
8. Identify any nearby vulnerable subsurface structures-underground storage tanks associated piping etc. Please note that since grouting forces material into the formation surrounding the well, it may damage other structures and cause fire hazards, ruptures of piping or cracks that will eventually leak.

Submit this documentation to the Monitoring Well Permit Desk at 619-338-2339 at the address indicated above or fax the documentation to 619-338-2315.


**ENVIRONMENTAL
HEALTH**
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San Diego County Code of Regulatory Ordinances

Title 6 Health and Sanitation

Division 7 Water and Water Supplies

Chapter 4. Wells

***Note** – Added by Ord. No. 4286 (N.S.), effective 5-3-74.

Cross reference(s) – County plumbing code, § 53.101 et seq.; sewers and sewage plants, § 68.101 et seq.

<u>Article 1.</u>	General
<u>Article 2.</u>	Well Standards Advisory Board
<u>Article 3.</u>	Standards
<u>Article 4.</u>	Nuisances
<u>Article 5.</u>	Construction, Repair, Reconstruction and Destruction of Wells

ARTICLE 1. GENERAL

SEC. 67.401. PURPOSE AND INTENT.

It is the purpose of this Chapter to provide for the construction, repair and reconstruction of wells to the end that the ground water of this County will not be polluted or contaminated; that water obtained from such wells will be suitable for the purpose for which used; and to prevent the construction, repair or reconstruction of wells which would jeopardize the health, safety or welfare of the people of this County, and for the destruction of abandoned wells or wells found to be public nuisances to the end that such wells will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of this County.

SEC. 67.402. DEFINITIONS AS USED IN THIS CHAPTER.

The following words shall have the meaning provided in this chapter:

ABANDONED AND ABANDONMENT. The terms "abandoned" or "abandonment" shall apply to a well which has not been used for a period of one year, unless the owner, in writing, to the Director of the Department of Environmental Health, his intention to use the well again for supplying water or other associated purpose (such as a monitoring well or test well) and receives approval of such declaration from the Director of the Department of Environmental Health. All such declarations shall be renewed annually and at such renewal shall be resubmitted to the Director of the Department of Environmental Health for approval. Test holes and exploratory holes shall be considered abandoned twenty-four hours after construction work has been completed, unless otherwise approved by the Director.

PERSON. Any person, firm, corporation or governmental agency.

POLLUTION. An alteration of the quality of water to a degree which unreasonable (1) such waters for beneficial uses, or (2) facilities which serve such beneficial uses may include contamination.

PUBLIC NUISANCE. The term "public nuisance," when applied to a well, shall mean a well which threatens to impair the quality of ground water or otherwise jeopardize the safety of the public.

RESPONSIBLE PARTY. Any person who has, or who has contracted or otherwise arranged to have, a monitoring well constructed, repaired, reconstructed or destroyed.

SALT WATER (HYDRAULIC) BARRIER WELL. A well used for extracting water from or injecting water into the underground as a means of preventing the intrusion of salt water into a fresh water-bearing aquifer.

SHALLOW ANODE BED. Any cathodic protection well more than 20 feet deep but not more than 50 feet deep.

TEST OR EXPLORATORY HOLE. An excavation used for determining the natural or artificial underground geological or hydrological conditions, whether by seismic investigation, observation or any other means.

WELL. Any artificial excavation constructed by any method for the purpose of extracting water from or injecting water into the underground, for providing cathodic protection, for electrical grounding of equipment, for making tests or observations of underground conditions or for any other similar purpose. Wells shall include, but shall not be limited to, community water supply wells, individual domestic wells, commercial wells, industrial wells, agricultural wells, test and exploratory holes, monitoring wells and salt water (hydraulic) barrier wells defined herein, and other wells whose regulation is necessary to accomplish the purpose of this chapter.

Wells shall not include: (a) oil and gas wells, geothermal wells or other wells controlled under the jurisdiction of the State Department of Conservation, except those wells controlled by the Department of Conservation to use as water wells; (b) wells used for the purpose of dewatering excavations during construction, or stabilizing hillsides or earthy embankments; or (c) other wells whose regulation is not necessary to fulfill the purpose of this chapter as determined by the Department of Environmental Health.

WELL STANDARDS ADVISORY BOARD. The Well Standards Advisory Board established by the Director of the Department of Environmental Health pursuant to this chapter.

(Amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95; amended by Ord. No. 8815 (N.S.), effective 7-2-95)

Cross reference(s) – Definitions, § 12.101 et seq.

SEC. 67.403. STATE REPORTING.

Nothing contained in this chapter shall be deemed to release any person from compliance with the provisions of Article 3 of Chapter 10 of Division 7 of the Water Code of the State of California or any successor thereto.

SEC. 67.404. [RESERVED.]

(Repealed by Ord. No. 5200 (N.S.), effective 8-10-78)

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ARTICLE 2. WELL STANDARDS ADVISORY BOARD

SEC. 67.410. ESTABLISHMENT OF BOARD.

There is hereby created and established in the County of San Diego the Well Standards Advisory Board hereinafter referred to in this Chapter as "Advisory Board".

SEC. 67.411. MEMBERS.

The Advisory Board shall consist of seven members, two of whom shall be from the drilling industry, all of whom shall be residents of the County of San Diego. Said members shall be appointed by the Director of the Department of Environmental Health and Safety. Each member shall serve until he resigns or is removed. Members of the Advisory Board shall serve without compensation.

(Amended by Ord. No. 7309 (N.S.), effective 7-2-87; amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95)

SEC. 67.412. MEETINGS.

A chairman of the Advisory Board shall be elected by the members thereof at the meeting of the Advisory Board. Such chairman shall serve for a term and shall have powers and duties established by rules and regulations to be adopted by the Advisory Board. The Advisory Board may prepare and adopt such rules and regulations for the internal government business as it may deem necessary or advisable. A staff member of the Department of Environmental Health designated by the Director of the Department of Environmental Health shall serve as secretary to the Advisory Board. The Advisory Board shall meet from time to time at the request of the Director of the Department of Environmental Health. Three members shall constitute a quorum. The Advisory Board shall keep written minutes of its meetings, a copy of which shall be filed with the Director of the Department of Environmental Health.

(Amended by Ord. No. 5406 (N.S.), effective 3-22-79, operative 3-23-79; amended by Ord. No. 7309 (N.S.), effective 7-2-87; amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95)

SEC. 67.413. RESPONSIBILITIES.

The Advisory Board is an advisory body with respect to the implementation of the Well Standards Ordinance. It may make such recommendations to the Director of the Department of Environmental Health as it may deem reasonable and proper, necessary or advisable.

(Amended by Ord. No. 7309 (N.S.), effective 7-2-87; amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95)

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ARTICLE 3. STANDARDS

SEC. 67.420. GENERAL.

No person shall construct, repair, reconstruct or destroy any well subject to this which does not conform to the standards established herein.

SEC. 67.421. STANDARDS FOR WATER WELLS.

Standards for the construction, repair, reconstruction or destruction of water well as set forth in Chapter II of State Department of Water Resources Bulletin No. 74-8 Bulletin No. 74-90 (three copies of which have been filed with the Clerk of the Board Supervisors of the County of San Diego and marked as Document No. 761185 and No. 761185A with the following modifications to Document No. 761185A:

1. Part II, Section 8(A)

ADD: To footnote 1/ "Shallow dug, or bored wells used for community water shall be located at least 250 feet from any sewage disposal facility."

2. Part II, Section 9(A)

SUBSTITUTE: "20 ft. 1/ " for "none 3/" (This automatically deletes the 3/ foot

3. Part II, Section 9(E)

ADD: Following footnote following section title:

**Exception - where the air-rotary method is used for individual domestic well diameter or smaller, the thickness of seal may be reduced to 1".

4. Part II, Section 10(B)

DELETE: Entire section with exception of that portion of the first sentence wh

"Because of their susceptibility to contamination and pollution, the use of should be avoided."

5. Part II, Section 15(A), Item 3

DELETE: Phrase:

"Where the water is to be used for domestic purposes."

6. Part II, Section 16

DELETE: From Section 16 title the words: "Large diameter" and

SUBSTITUTE: the words "Bored or dug."

7. Part II, Section 16(A)

DELETE: Word "Underground" from last sentence so sentence reads: "Where this purpose, these wells shall be located at least 250 feet from any sewage disposal

(Amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95)

SEC. 67.422. STANDARDS FOR CATHODIC PROTECTION WELLS.

Standards for the construction, repair, reconstruction or destruction of cathodic protection wells shall be as set forth in Bulletin No. 74-1 and Bulletin No. 74-90 of the State Department of Water Resources (three copies of which are filed with the Clerk of the Board of Supervisors of the County of San Diego). Bulletin No. 74-1 is marked as Document No. 481211 following modifications:

1. Chapter II, Part I, Section 1-A

DELETE: Definition of "Cathodic Protection Well:" as printed and

ADD: "A. Cathodic Protection Well: A cathodic protection well means an artificial excavation in excess of 20 feet constructed by any method for the purpose of installing equipment or facilities for the protection electrically of metallic equipment in contact with ground, commonly referred to as Cathodic Protection."

(Amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95)

SEC. 67.423. STANDARDS FOR MONITORING WELLS.

Standards for the construction, repair, reconstruction or destruction of monitoring wells shall be as set forth in Bulletin No. 74-90 of the State Department of Water Resources (three copies of which are filed with the Clerk of the Board of Supervisors of San Diego) as Document No. 761185A.

(Added by Ord. No. 8815 (N.S.), effective 7-22-97)

SEC. 67.424. MAINTENANCE.

Monitoring wells shall be maintained to meet construction or destruction standards. If a monitoring well does not meet construction or destruction standards the responsible party must repair, reconstruct or destroy the monitoring well so it meets the standards. The owner, if different than the responsible party, must take the necessary actions to repair, reconstruct or destroy the monitoring well so it meets the standards if the responsible party does not complete the necessary actions.

(Added by Ord. No. 8815 (N.S.), effective 7-22-97)

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(Amended by Ord. No. 7141 (N.S.), effective 6-26-86; amended by Ord. No. 7309 (effective 7-2-87; amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by C 8477 (N.S.), adopted 11-8-94, operative 1-1-95; amended by Ord. No. 8815 (N.S.), 7-22-97)

SEC. 67.432. [RESERVED.]

(Repealed by Ord. No. 7141 (N.S.), effective 6-26-86)

SEC. 67.433. [RESERVED.]

(Repealed by Ord. No. 7141 (N.S.), effective 6-26-86)

SEC. 67.434. [RESERVED.]

(Repealed by Ord. No. 7141 (N.S.), effective 6-26-86)

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ARTICLE 5. CONSTRUCTION, REPAIR, RECONSTRUCTION AND DESTRUCTION OF WELLS

SEC. 67.440. ACTS PROHIBITED.

No person shall construct, repair, reconstruct or destroy any well unless a written permit has first been obtained from the Director of the Department of Environmental Health provided in this Chapter, and unless the work done shall conform to the standards provided in this Chapter and all the conditions of the said permit.

(Amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95)

SEC. 67.441. PERMITS.

A. Applications: Applications for permits shall be made to the Director of the Department of Environmental Health and shall include the following:

1. A plot plan showing the location of the well with respect to the following items within a radius of 250 feet from the well:

- (a) Property lines
- (b) Waste disposal systems or works carrying or containing sewage, industrial wastes, or solid wastes.
- (c) All intermittent or perennial, natural or artificial bodies of water or water courses.
- (d) The approximate drainage pattern of the property.

- (e) Other wells.
- (f) Structures, surface or subsurface.
- 2. Location of the property, and the Assessor's parcel number.
- 3. The name of the person who will construct the well.
- 4. The proposed minimum and the proposed maximum depth of the well.
- 5. The proposed minimum depths and types of casings and minimum depths perforations to be used.
- 6. The proposed use of the well.
- 7. Other information as may be necessary to determine if the underground water is adequately protected.
- 8. The name of the property owner.
- 9. The name of the responsible party who has contracted or otherwise caused monitoring well constructed, repaired, reconstructed or destroyed.

B. Fees: Each application shall be accompanied by a fee as set forth in Title 6, D Section 65.107, par. (k), of this Code.

C. Conditions: Permits shall be issued in compliance with the standards set out in "California Well Standards" Bulletin 74-81 and Bulletin 74-90 and as provided in this Code except that such standards shall be inapplicable or modified as expressly provided by the Director of the Department of Environmental Health in such permit upon his finding that modifications or inapplicability will accomplish the purposes of this ordinance. Permits also include any other condition or requirement found by the Director of the Department of Environmental Health to be necessary to accomplish the purposes of this Chapter.

D. Grounds for Refusal of Permit. The Director of the Department of Environmental Health may refuse to issue a permit for any of the following reasons:

- 1. The applicant is not a person authorized to perform the work as provided in this Chapter.
- 2. The applicant fails to post the required surety bond or cash deposit as provided in this Chapter.
- 3. The permit application is not in proper form.
- 4. The proposed well would create a water pollution problem or would aggravate an existing water pollution problem or would violate any of the standards established in this Chapter.
- 5. The applicant is delinquent with submitting well drilling logs to the Director of the Department of Environmental Health.

E. Term, completion of work: The permittee shall complete the work authorized by this permit within the time and before the date set out in the permit. The permittee shall submit a final report to the Director of the Department of Environmental Health in writing upon completion of the work.

submit a copy of the well drilling log and no work shall be deemed to have been completed until such written notification and a copy of the well drilling log have been received. Inspection of the work shall be made by the Director of the Department of Environmental Health unless such inspection is waived by him, and no permittee shall be deemed to have complied with this Chapter or his permit until such inspection has been performed.

F. **Guarantee of performance:** Prior to the issuance of a permit, the applicant shall provide to the Director of the Department of Environmental Health a cash deposit or bond guaranteeing compliance with the terms of this Chapter and the applicable permit, such bond to be in an amount deemed necessary by the Director of the Department of Environmental Health to remedy improper work but not in excess of seven thousand five hundred dollars (\$7,500). Such deposit or bond may be waived by the Director of the Department of Environmental Health where other assurances of compliance are deemed adequate by him.

G. **Continuous Bond or Cash Deposit.** In lieu of furnishing a separate bond for each permit as provided above, a properly licensed contractor may deposit with the Director of the Department of Environmental Health a surety bond or cash deposit in the amount of seven thousand five hundred dollars (\$7,500), which bond or cash deposit shall be available to remedy any improper work done by the contractor pursuant to any permit issued under this Chapter.

H. **Review and Appeal:** Any person aggrieved by the refusal of a permit or the terms of a permit required by this Chapter may appeal in writing to the Board of Supervisors. The appeal shall be accompanied by a filing fee of fifteen dollars (\$15.00). The Board of Supervisors shall, within forty (40) days after the filing of an appeal, hold a hearing on said appeal and give notice in writing of the date thereof to the appellant and applicant at least five (5) days before the hearing date. The decision of the board of Supervisors shall be rendered within thirty (30) days after the initial hearing date and shall be binding upon the parties, except that determinations made by the Director of the Department of Environmental Health relating directly to the public health may not be overruled or modified by the Board of Supervisors.

(Amended by Ord. No. 6378 (N.S.), effective 7-29-82; amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N.S.), adopted 11-8-94, operative 1-1-95; amended by Ord. No. 8815 (N.S.), effective 7-22-97; amended by Ord. No. 9273 (N.S.), effective 12-15-00)

SEC. 67.442. PERSON AUTHORIZED TO PERFORM WORK.

Construction, reconstruction, repair, and destruction of wells shall be performed by a contractor licensed in accordance with the provisions of the Contractor's License Law, California Prof. Code, Ch. 9, Div. 3) unless exempted by that law.

State law reference(s)—Licensing of contractors, Business and Professions Code, Div. 3.

SEC. 67.443. INSPECTIONS.

1. Upon receipt of an application, an inspection of the well location may be required. The inspection shall be made by the Director of the Department of Environmental Health or a person designated by the Director of the Department of Environmental Health prior to issuance of a well permit.

2. The Director of the Department of Environmental Health or any person designated by the Director of the Department of Environmental Health may inspect the work in progress. The person designated by the Director of the Department of Environmental Health may enter the premises at any reasonable time for the purpose of performing such inspection.

3. After work has been completed pursuant to any permit the Director of the Department of Environmental Health shall be notified by the person performing the work and the contractor.

of Environmental Health shall make a final inspection of the completed work to determine compliance with the well standards.

(Amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N adopted 11-8-94, operative 1-1-95)

SEC. 67.444. EXPIRATION OF PERMIT.

Each permit issued pursuant to this Chapter shall expire and become null and void if the work authorized thereby has not been completed within one hundred twenty (120) days following the issuance of the permit.

Upon expiration of any permit issued pursuant hereto, no further work may be done in connection with construction, repair, reconstruction, or abandonment of a well unless a new permit for such purpose is secured in accordance with the provisions of this Chapter.

SEC. 67.445. EXTENSION OF PERMIT.

Any permit issued pursuant to this Chapter may be extended at the option of the Director of the Department of Environmental Health. Each individual extension granted by the Director of the Department of Environmental Health shall be for not longer than one hundred twenty (120) days. In no event shall the Director of the Department of Environmental Health grant an extension which would make the total term of the permit exceed one year. Any application for extension shall be made on a form provided by the Director of the Department of Environmental Health. The fee for submitting such application shall be twenty-five cents (\$0.25).

(Amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N adopted 11-8-94, operative 1-1-95)

SEC. 67.446. REVOCATION OR SUSPENSION.

1. A permit issued hereunder may be revoked or suspended by the Director of the Department of Environmental Health as hereinafter provided if he determines that a violation of this Chapter exists, that written notice has been directed to permittee specifying the violation and that the permittee has failed or neglected to make the necessary adjustments within thirty (30) days after receiving such notice.

2. A permit may be so revoked or suspended by the Director of the Department of Environmental Health if he determines at a hearing for such purpose that the person to whom any permit was issued pursuant to this Chapter has obtained the same by fraud or misrepresentation, provided that notice of the time and place of such hearing is given to the permittee at least five (5) days prior thereto.

3. The suspension or revocation of any permit shall not be effective until notice in writing is mailed to the permittee, and the time for filing an appeal to the Board of Supervisors has expired. The notice shall advise the permittee of his right to appeal to the Board of Supervisors and to stay the suspension or revocation pending such appeal.

(Amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N adopted 11-8-94, operative 1-1-95)

SEC. 67.447. LOG OF WELL.

Any person who has drilled, dug, excavated or bored a well, or deepens or perfects a well, or destroys such a well, shall, within 60 days from the date of completion of

submit to the Director of the Department of Environmental Health an accurate and log to include:

1. Type of well casing.
2. Location of perforations and sealing zones.

(Amended by Ord. No. 7428 (N.S.), effective 2-4-88; amended by Ord. No. 8477 (N adopted 11-8-94, operative 1-1-95; amended by Ord. No. 9273 (N.S.), effective 12-

SEC. 67.448. VIOLATION – MISDEMEANOR.

Any person violating the provisions of this Article shall be deemed guilty of a mis and upon conviction shall be fined in an amount not to exceed five hundred dollars or by imprisonment for a period of not more than six (6) months in the County Jail o such fine and imprisonment.

(Added by Ord. No. 5233 (N.S.), effective 8-22-78; Ord. No. 5233 (N.S.), supersede No. 5246 (N.S.), adopted 8-29-78, effective 9-28-78)

SEC. 67.449. WAIVER OF SPECIFIED FEES FOR FARM EMPLOYEE HOUSING FARM LABOR CAMPS.

Notwithstanding any other provision of this chapter, the permit fees specified in 67.441.B and 67.445 shall be waived for:

(1) Any farm employee housing or farm labor camp project for which (i) a cor application for an Administrative Permit or a Minor Use Permit was filed between Ju 1990, and January 13, 1991 pursuant to Ordinance No. 7768 (N.S.); or was filed be April 5, 1991 and October 5, 1991, pursuant to Ordinance No. 7875 (N.S.); or was f between October 31, 1991 and June 30, 1993, pursuant to Ordinance No. 8086 (N. filed between July 30, 1993 and June 30, 1994, pursuant to Ordinance No. 8271 (N was filed between September 2, 1994 and June 30, 1995, pursuant to Ordinance N (N.S.); or was filed between September 15, 1995 and June 30, 1998, pursuant to C No. 8574 (N.S.); or was filed between May 14, 1999 and June 30, 2004, pursuant t Ordinance No. 9021 (N.S.); or was filed between July 1, 2004 and June 30, 2009 p Ordinance No. 9647 (N.S.) and (ii) the application was approved; or

(2) Any farm employee housing or farm labor camp project for which (i) Sectic or Section 17021.6 of the California Health and Safety Code is applicable; (ii) the A Commissioner has issued a certificate of active agricultural enterprise; (iii) the hous the subject of an active code enforcement action; (iv) the applicant has entered into contract required by Section 6156 u.11 or Section 6906 d. of The Zoning Ordinance the application was filed between July 30, 1993, and June 30, 1994, pursuant to Or No. 8271 (N.S.); or was filed between September 2, 1994 and June 30, 1995, pursi Ordinance No. 8436 (N.S.); or was filed between September 15, 1995 and June 30 pursuant to Ordinance No. 8574 (N.S.); or was filed between May 14, 1999 and Jun 2004, pursuant to Ordinance No. 9021 (N.S.); or was filed between July 1, 2004 an 2009 pursuant to Ordinance No. 9647 (N.S.).

(Added by Ord. No. 7768 (N.S.), effective 7-13-90; amended by Ord. No. 7875 (N.S effective 4-4-91; amended by Ord. No 7977 (N.S.), effective 10-31-91; amended by 8086 (N.S.), effective 7-16-92; amended by Ord. No. 8271 (N.S.), effective 7-30-93 by Ord. No. 8436 (N.S.), effective 9-2-94; amended by Ord. No. 8574 (N.S.), effect 95; amended by Ord. No. 9021 (N.S.), effective 5-14-99; amended by Ord. No. 964 effective 6-18-04)

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Updated on 09/21/2005

72 Visits to this page since August 15, 2005

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General Web inquiries, E-mail [Web Site Manager](#)

HAZARDOUS MATERIALS QUESTIONNAIRE



SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY

UPFP#: _____

BP DATE: ____/____/____

Business Name PASSERELLE LLC	Business Contact DAVID DAVIS	Telephone # 619-696-7355
Project Address 0	City San Diego	State CA
Mailing Address 402 WEST BROADWAY, SUITE 2175, SAN DIEGO, CA 92101	City San Diego	State CA
Project Contact DAVID DAVIS	Telephone # 619-696-7355	APN# See ATTACHED
Plan File#		

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISIONS (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1255 Imperial Avenue, 3rd floor, San Diego, CA 92101. Call (619) 338-2222 prior to the issuance of a building permit.

FEES ARE REQUIRED.		Expected date of Occupancy	<input type="checkbox"/> CalARP Exempt /
YES	NO		<input type="checkbox"/> CalARP Required /
1. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Is your business listed on the reverse side of this form?	<input type="checkbox"/> CalARP Complete /
2. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business dispose of Hazardous Substances or Medical Waste in any amount?	Date
3. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet, or carcinogens/reproductive toxins in any quantity?	Initials
4. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business use an existing or install an underground storage tank?	
5. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business store or handle Regulated Substances (CalARP)?	
6. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?	

PART III: San Diego County Air Pollution Control District: If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District (APCD), 9150 Chesapeake Drive, San Diego, CA 92123, telephone (858) 650-4550 prior to the issuance of a building or demolition permit. Note: if the answer to questions 3 or 4 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation, except demolition or renovation of residential structures of four units or less. Contact the APCD for more information.

- | | | |
|-----------------------------|-------------------------------------|---|
| YES | NO | |
| 1. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD fact sheet at http://www.sdapcd.org/info/facts/permits.pdf , and the list of typical equipment requiring an APCD permit on the reverse side of this form. Contact APCD if you have any questions.) |
| 2. <input type="checkbox"/> | <input checked="" type="checkbox"/> | (ANSWER ONLY IF QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Public and private schools may be found after search of the California School Directory at http://www.cde.ca.gov/re/sd/ ; or contact appropriate school district.) |
| 3. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will there be renovation that involves handling of any friable asbestos material, or disturbing any material that contains non-friable asbestos? |
| 4. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will there be demolition involving the removal of a load supporting structural member? |

Briefly describe business activities: Land Development/Entitlements	Briefly describe proposed project: See Attached
I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.	
Name of owner or Authorized Agent DAVID DAVIS	Signature of Owner or Authorized Agent [Signature]
	Date 10/10/09

FOR OFFICIAL USE ONLY:		
FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:		
BY: _____ DATE: ____/____/____		
EXEMPT OR NO FURTHER INFORMATION REQUIRED	RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY	RELEASED FOR OCCUPANCY
COUNTY-HMD	APCD	COUNTY-HMD
COUNTY-HMD	APCD	APCD

PASSERELLE ASSESSOR PARCEL NUMBERS

Southern Property- ³²⁴~~325~~ acres

- 108-120-47 -	108-121-12 -
108-120-49 -	108-121-13 -
108-120-50 -	125-061-02
108-120-51 -	125-061-03

Northern Property- ¹⁷⁰~~175~~ acres

108-421-03

108-421-04

Total Acreage for site 500 acres

**LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION**

AUTOMOTIVE

Battery Manufacturing/Recycling
Boat Yard
Car Wash
Dealership Maintenance and Paint
Machine Shop
Painting
Radiator Shop
Rental Yard Equipment
Repair, Major Overhaul
Spray Booths
Transportation Services
Wrecking and Recycling

METAL WORKING

Anodizing
Chemical Milling/Etching
Finish Coating, Painting
Flame Spraying
Machine Shop-Drilling, Lathes, Mills
Metal Plating
Metal Prepping/Chemical Coating
Precious Metal Recovery
Sand Blasting, Grinding
Steel Fabricator
Wrought Iron Manufacturing

CHEMICAL HANDLING

Agricultural Suppliers/Distributors
Chemical Suppliers/Distributors
Chemical Manufacturers
Coatings/Adhesives
Compressed Gases Suppliers/Distributors
Dry Cleaning
Fiberglass/Resin Applications
Gas Stations
Industrial Laundry
Laboratories
Laboratory Suppliers/Distributors
Oil and Fuel Bulk Supply
Pesticide Operators/Distributors
Photographic Processing
Pool Supplies/Maintenance
Printing/Blue Printing
Road Coatings
Swimming Pool (Gas Chlorination Systems Only)
Toxic Gas Handler
Toxic Gas Mfg

ELECTRONICS

Electronics Components Manufacturing
Electronics Assembly and Sub Assembly
Printed Circuit Board Manufacturing

OTHERS AND MISCELLANEOUS

Refrigeration Systems
Nitrous Oxide (NO_x) Control Systems
Asphalt Plant
Chiropractic Offices
Co-Generation Plant
Dental Clinic/Office
Frozen Food Processing Facilities
Government Agencies
Hazardous Waste Hauler
Hospitals/Convalescent Homes
Laboratories, Biological Laboratories
Medical Clinics/Hospitals/Offices
Pharmaceuticals
Biotech Laboratories
Public Utilities
Rock Quarry
Veterinary Clinic/Hospitals
Wood/Furniture Manufacturer/Refinishing
Ship Repair/Construction
Telecommunications Cell Sites
Dialysis Centers

AEROSPACE

Aerospace Industry
Aircraft Manufacturing
Aircraft Maintenance

NOTE: THE ABOVE LIST INCLUDES BUSINESSES, WHICH TYPICALLY USE, STORE, HANDLE, AND DISPOSE OF HAZARDOUS SUBSTANCE. ANY BUSINESS NOT INCLUDED ON THIS LIST, WHICH HANDLES, USES OR DISPOSES OF HAZARDOUS SUBSTANCES MAY STILL REQUIRE HAZARDOUS MATERIALS DIVISION (HMD) REVIEW OF BUSINESS PLANS. FOR MORE INFORMATION CALL (619) 338-2222.

LIST OF OPERATIONS OR EQUIPMENT REQUIRING PERMITS FROM THE AIR POLLUTION CONTROL DISTRICT

Businesses that include any of the following operations or equipment will require clearance from the Air Pollution Control District.

This list is not all-inclusive. For specific inquiries, call (858) 650-4550.

4/04

CHEMICAL

Acid Chemical Milling
Bulk Dry Chemical Storage
Detergent Spray Towers
Dry Chemical Mixing
Organic Evaporators, Dryers & Still's
Organic Gas Sterilizers
Pharmaceutical Manufacturing

COATINGS & SURFACE PREPARATION

Abrasive Blasting Equipment
Coating & Painting (Booths & Open):
Auto Body
Aerospace
Can & Coil
Graphic Arts
Metal Parts
Paper Fabric
Ships & Boats
Wood Products
Other Industrial
Paint, Stain & Ink Manufacturing
Plasma Arc & Ceramic Deposition Spray
Booths
Solvent Application Operations

COMBUSTION

Boilers & Heaters
Burn Out Ovens

COMBUSTION-cont'd

Core Ovens
Gas Turbines, Test Cells & Stands
Incinerators & Crematories
Non-Vehicular Piston I-C Engines

ELECTRONICS

Electronic Component Manufacturing
Hydrosqueegees
Solder Levelers

FOOD

Bulk Flour & Powdered Sugar Storage
Coffee Roasters
Feed & Grain Mills & Kelp Processing
Fish Canneries
Smoke Houses

METALS

Chrome Plating
Chromic Acid Anodizing
Hot Dip Galvanizing
Metal Melting Devices
Oil Quenching & Salt Baths
Precious Metals Refining
Fuel Dispensing
Gasoline & Alcohol Bulk Storage
Gasoline & Alcohol Fuel Dispensing
Intermediate Refuelers

ROCK AND MINERAL

Brick Manufacturing
Concrete Batch, CTB, Concrete Mixers & Silos
Hot Asphalt Batch Plants
Rock Drills
Sand, Rock & Aggregate Plants

SOLVENT USE

Dry Cleaning
Solvent & Extract Driers
Vapor & Cold Degreasing

OTHER

Aqueous Waste Neutralization
Asphalt Pavement Heaters
Asphalt Roofing Kettles & Tankers
Asphalt Pavement Grinders
Brake Debonders
Bulk Grain & Dry Chemical Transfer & Storage
Ceramic Slip Casting
Fiberglass Grinding
Landfill Gas Flare or Recovery Systems
Perlite Processing
Reverse Osmosis Membrane Manufacturer
Rubber Mixers
Tire Buffers
Waste Disposal & Reclamation Units

ATTACHMENT L HAZARDOUS MATERIALS QUESTIONNAIRE

Project Specific: The AEIS states that the proposed project will involve temporary use, storage or discharge of hazardous and/or toxic materials related to construction material storage. Additional information is required to determine whether additional permits will be required.

A Hazardous Materials Questionnaire can be found on the World Wide Web at http://www.co.san-diego.ca.us/deh/hmd/pdf/hm-9171_hm_questionnaire.pdf, and must be completed and stamped by the appropriate County Departments including the Hazardous Materials Division located at 1255 Imperial Avenue and the Air Pollution Control District located at 9150 Chesapeake Dr. If your project is subject to the Hazardous Material Business Plan requirements, a draft version of the Business Plan will be requested during this discretionary review. All this information must be included as a section to the supplemental project description document.

It is noted that the parcel has been historically been used for agricultural production. The conversion of agricultural land to residential use can result in human health hazards due to potential exposure and ingestion of contaminated soils. Children are particularly susceptible to these risks. Please provide additional information including the types of crops grown, years grown, and likely chemicals used. Please indicate if any storage sheds or other agriculturally related structures were present. All this information must be included as a section to the supplemental project description document.

Note: The Department would like to stress that no formal studies are being requested at this point in time. However, if upon receipt and review of the supplemental project description document it is determined that formal technical studies are required, a revised cost estimate and project processing schedule will be prepared.

I. INTRODUCTION

A. PROJECT SETTING

1. LOCATION

Campus Park is located in the Fallbrook Community Planning area of the County of San Diego, at the northeast intersection of Interstate 15 (I-15) and State Route 76 (SR-76) (Exhibit 1 Regional Location Map). The Campus Park Specific Plan approved in 1983 contained approximately 442 acres. This amendment occupies 324 acres of the original Campus Park Specific Plan area and adds 180 acres adjacent to the original northern boundary for a total of approximately 504 acres. The specific plan area is approximately 3,000 feet across at its widest point, with a long axis of approximately 11,000 feet running north and south, paralleling State Freeway I-15 (Exhibit 2 Vicinity Map).

Access to the parcel is from Highway 76 on the south, Pala Mesa Drive on the west, and Pankey Road connecting to Stewart Canyon Road on the north. Access to I-15 by way of the Highway 76 interchange is less than one-half mile to the west. Highway 395 provides access to I-15 for north bound travelers at Mission Road.

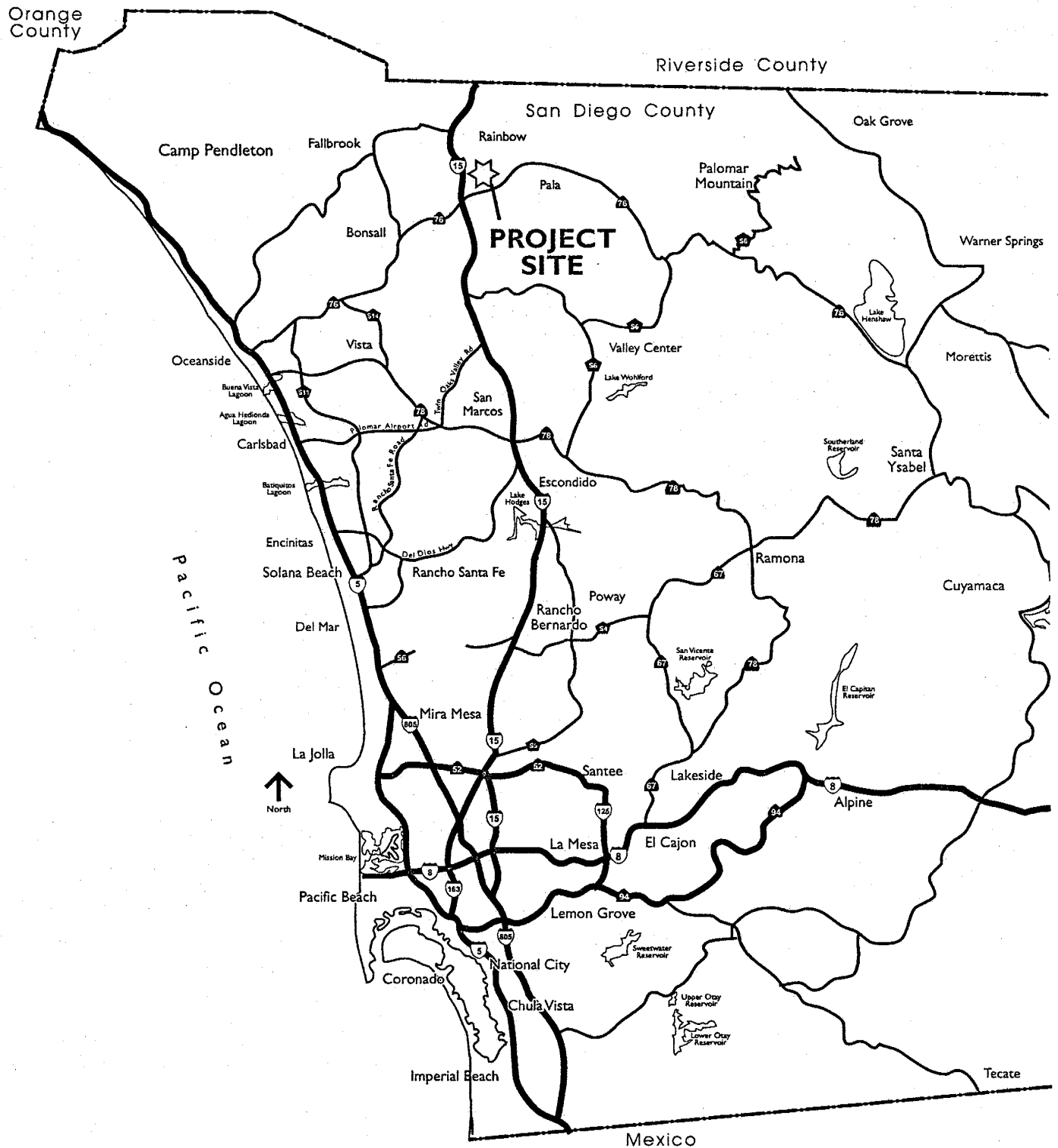
2. PHYSICAL FEATURES

A. Site

Topography on the property ranges from very flat areas in the southerly half to steep slopes in the northern portion of the site (Exhibit 3 Existing Topography). Onsite elevations range from 852-feet above mean sea level (msl) in the northeast to 252-feet in the southwest. Horse Ranch Creek, a major tributary of the San Luis Rey River, flows south along the western border of the property. Onsite vegetation includes lush riparian areas, oak woodlands, coastal sage scrub habitats and dramatic rock outcroppings.

B. Surrounding Area

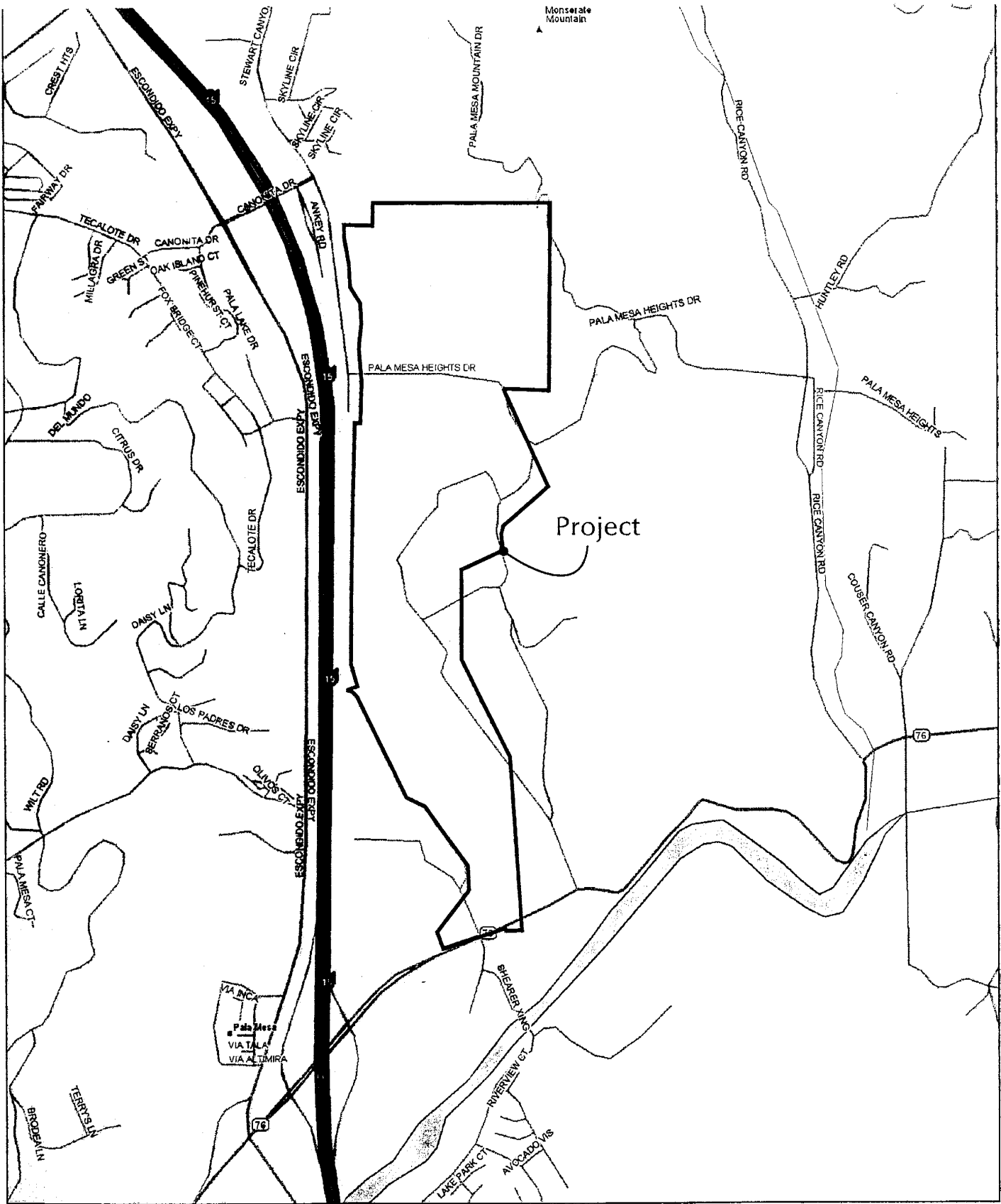
The property is bordered by steeply rising hills on the north and east and flatter areas to the southwest. The project's southern boundary is defined by State Route 76. Interstate 15 defines the western boundary of the property.



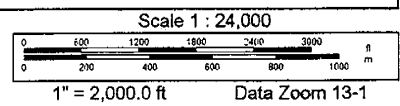
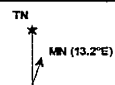
REGIONAL LOCATION MAP

CAMPUS PARK SPECIFIC PLAN & GENERAL PLAN AMENDMENT

FIGURE 1



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www.delorme.com



VICINITY MAP
CAMPUS PARK SPECIFIC PLAN & GENERAL PLAN AMENDMENT
FIGURE 2